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Hazardous Materials Incidents Reported to
U.S. Environmental Protection Agency Regional
Offices from October, 1977 through September, 1979

(U.S.) Environmental Protection Agency, Washington, DC

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16. ABSTRACT The purpose of this two-year record of 3,076 hazardous material incidents is to help demonstrate the magnitude of the hazardous material spill problem in the United States today. To this end, it is mainly a compilation of those incidents reported to the ten Regional Offices of the United States Environmental Protection Agency (EPA). Most of the incidents were spills of oil or hazardous substances. However, some incidents involved active and inactive waste disposal sites, discharges related to the failure of manufacturing processes or waste treatment systems, and "mystery" incidents of unknown cause. Conversely, some incidents were deleted for involving non-hazardous or unidentifiable materials. The materials named in the recorded incidents vary greatly in hazard and toxicity, as well as in the quantities reported. Often, small quantities of a spilled substance are reported because initially the identity and/or hazard of the substance is unknown. Also, appropriate emergency response action by on-scene personnel often prevents a spill or minimizes the quantity spilled. This report is divided into two sections covering the fiscal years 1979 and 1978, respectively. The incident data includes location, date, type of incident, material involved and its volume, the environmental medium affected, and additional information as comments where available.		
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Water and Waste Management



Hazardous Materials Incidents Reported to U.S. Environmental Protection Agency Regional Offices From October, 1977 through September, 1979

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**HAZARDOUS MATERIALS INCIDENTS
REPORTED TO
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGIONAL OFFICES
FROM OCTOBER 1977 THROUGH SEPTEMBER 1979**

**U.S. ENVIRONMENTAL PROTECTION AGENCY
OIL AND SPECIAL MATERIALS CONTROL DIVISION
(WH-548)
WASHINGTON, D.C. 20460**

January 1980

HAZARDOUS MATERIAL INCIDENTS REPORTED TO U.S.
ENVIRONMENTAL PROTECTION AGENCY REGIONAL
OFFICES FROM OCTOBER, 1977 THROUGH SEPTEMBER, 1979

INTRODUCTION:

This document is a record of hazardous material incidents which were reported to U.S. Environmental Protection Agency (EPA) Regional Offices from October, 1977 to October, 1979. This two year record has been compiled primarily from incident files located in EPA's ten Regional Offices. However, due to a lack of complete records in the Region I office, most data for Region I was obtained from the States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. The study was performed by contract personnel during the period of October 29 through November 7 of 1979.

Although a recent EPA regulation (see 40 CFR, Part 117, "Determination of Reportable Quantities for Hazardous Substances", August 20, 1979) requires the reporting of certain incidents where designated hazardous substances reach navigable waters, this regulation was not in effect until September, 1979. However, during the period studied, spillers of hazardous materials were subject to a variety of other Federal and State notification requirements. Consequently, while most of the incidents found were reported voluntarily to EPA by individuals, companies, or government officials actually involved in the incidents, some of the data in EPA's files may have been supplied by State or other Federal agencies.

The record contains information on 3,076 hazardous material incidents which were reported during the two year period. While most of the incidents were spills of oil or hazardous substances, some involved active and inactive waste disposal sites, discharges related to the failure of manufacturing processes or waste treatment systems, and "mystery" incidents, the cause of which was unknown. In addition, a number of incidents reported were edited from this record because either the type of incident and material spilled could not be identified or the material spilled was not hazardous.

The materials involved in the recorded incidents range from highly toxic polychlorinated biphenyls (PCBs) to less hazardous spills of small quantities of alcohol. The amounts of material reportedly spilled in the incidents range from less than one pint to over one million gallons. Small quantities of spills are often reported because on-scene personnel may not know what material is actually involved or what hazard, if any, the spill presents to public health and safety or the environment. This uncertainty sometimes results in reports which, upon investigation, prove to have been unnecessary. Many of the incidents involving a very small amount of material were potential spills which were averted or minimized by the efforts of on-scene personnel.

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The purpose of compiling this record was to provide as complete a list as possible of hazardous material incidents reported to EPA and to demonstrate the magnitude of the hazardous material spill problem in the United States today. The Agency does not contend that all of the incidents reported represent situations where public health and safety or the environment was harmed or endangered. EPA also realizes that because of variability in State and Federal reporting laws and procedures, this record probably is incomplete and, further, that the terminology used and the type of data presented may be inconsistent between different States and Regions.

FORMAT OF THE REPORT:

The report is divided into two main sections, the first covering fiscal year 1979 and the second covering fiscal year 1978. At the beginning of each section a national summary of data for the year is presented. Within each section the data is organized by EPA Region. Summaries for each Region are also provided and include information on the number and types of incidents which occurred. For convenience the summaries also identify the number of voluntarily reported incidents which involved oil in combination with one or more other materials. It should be noted that in the absence of an EPA hazardous substance notification regulation many other incidents involving hazardous materials in combination with oil were reported to EPA as spills of oil only.

The data on specific incidents includes the location, date, type of incident, material (and volume) involved, and the environmental medium affected. Where available, additional information on an incident has been provided as a comment.

FURTHER INFORMATION:

Users desiring further information regarding the preparation of this report may contact Mr. Hans Crump, Spill Prevention and Control Branch (WH-548), U.S. Environmental Protection Agency, Washington, D.C. 20460 (202-245-3045).

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FY 1979

1.

NATIONAL SUMMARY

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents
1596	170	1766	Storage 169 Trucks 258 Rail 363 Aircraft 11 Ship/Barge 32 Manufacturing/ Industrial Fac. 287 Waste Disposal 48 Treatment 35 Pipeline 38 Fire 38 Capacitor/ Transformer 171 Unknown 256 Miscellaneous 60 TOTAL 1766

SUMMARY

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
141	11	152	<table><tr><td>Storage</td><td><u>32</u></td></tr><tr><td>Trucks</td><td><u>26</u></td></tr><tr><td>Rail</td><td><u>6</u></td></tr><tr><td>Aircraft</td><td><u>2</u></td></tr><tr><td>Ship/Barge</td><td><u>0</u></td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td><u>19</u></td></tr><tr><td>Waste Disposal</td><td><u>15</u></td></tr><tr><td>Treatment</td><td><u>6</u></td></tr><tr><td>Pipeline</td><td><u>0</u></td></tr><tr><td>Fire</td><td><u>4</u></td></tr><tr><td>Capacitor/ Transformer</td><td><u>8</u></td></tr><tr><td>Unknown</td><td><u>29</u></td></tr><tr><td>Miscellaneous*</td><td><u>5</u></td></tr><tr><td>TOTAL</td><td><u><u>152</u></u></td></tr></table>	Storage	<u>32</u>	Trucks	<u>26</u>	Rail	<u>6</u>	Aircraft	<u>2</u>	Ship/Barge	<u>0</u>	Manufacturing/ Industrial Fac.	<u>19</u>	Waste Disposal	<u>15</u>	Treatment	<u>6</u>	Pipeline	<u>0</u>	Fire	<u>4</u>	Capacitor/ Transformer	<u>8</u>	Unknown	<u>29</u>	Miscellaneous*	<u>5</u>	TOTAL	<u><u>152</u></u>
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Miscellaneous*	<u>5</u>																														
TOTAL	<u><u>152</u></u>																														

* School vandalism (1), Road Side Spraying (1), Piling leachate (1), Flooding (1), Old Cylinder (1).

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Stratford, CT.	10/05/78	Storage - ruptured transform- er	PCB - 1/2 gal.	ground
N. Hartford CT.	10/11/78	unknown - unknown	milky oil - 75 g.	Nepuck Brook
Plantsville CT.	10/17/78	unknown - unknown	milky liquid, 10 g.	Quinnipiac R.
New Haven, CT.	10/17/78	unknown - unknown	black liquid (unk.)	Long Island Sound
Easton, CT.	10/30/78	storage - power plant	PCB	ground
Southington CT.	11/03/78	unknown - unknown	blue liquid, 5 g.	Quinnipiac R.
New Haven, CT.	11/09/78	rail car - ruptured line	Anhydrous Ammonia	air
Manchester, CT.	11/10/78	storage - drain ruptured	Monoethanolamine caustic, 55 gal.	drains
Stratford, CT.	11/16/78	storage - container	Adhesives, paint thinners	ground, air

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Waterbury , CT.	11/18/79	Environmental waste treatment - process error	Sulfur - unknown amt.	none	
Meriden, CT	11/27/78	storage - leaking drum	PCB - 20 gal.	ground, " water	
New Milford CT.	12/08/78	storage - fill line ruptured	Cationic Resin 1,100 lbs.	building, ground	
Stratford, CT.	12/08/78	trans., - leaking transfer line	Methanol - 20 gal.	ground	
Stamford, CT.	12/08/78	storage - pump packing failed	10% Sodium Hydroxide 30 gal.	water, Stamford Harbor	
Cheshire, CT.	12/11/78	non secure lagoon	unknown	ground	Animals cleaned.
Watertown, CT	12/15/78	storage - improper ly stored drum	Metal compound, 2g.	floor	

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Lisbon, CT.	12/29/78	storage - capacitor leak	PCB - 3 gal.	ground
Clinton, CT.	1/08/79	disposal - leachate seep	leachate (green liq) unknown amt.	un-named stream
E. Haddam, CT.	1/09/79	unknown	Bunder - 10 gal.	CT. River
W. Haven, CT.	1/13/79	manufacturing explosion	Styrene - 900 gal.	ground
Avon, CT.	1/17/79	storage - broken hose	Ink - 200 gal.	ground
New Haven, CT.	1/18/79	storage - container leak	cleaning solvent 20 gal.	ground
Milford, CT.	1/19/79	manufacturing - incorrect chemical mix	Caustic mixture 15 lbs.	none
E. Haven, CT.	1/23/79	sewer line cause unknown	Gas fumes - unknown amt.	air

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Bristol, CT.	2/20/79	treatment system	Metal hydroxide unknown amt.	Pequabuck R.
Long Island Sound, CT.	2/22/79	facility - sub. elec. cable break	Nonylbenzene 500+ gal.	Long Island Sound
Tolland, CT.	2/27/79	storage - cause unk.	Hydroquinone unk. amt.	ground
Tolland, CT.	2/27/79	trans. - dome cover tank truck	Styrene - unk amt.	ground
New Haven, CT.	3/03/79	storage - leaking valve box	Styrene - 200 gal.	Port of N. Haven
Bridgeport, CT.	3/13/79	unk. discharge	Red dye - unk. amt.	Bridgeport Harbor
Waterbury, CT.	3/14/79	unk. discharge	Greenish foam - unk. amt.	Naugatuck R.
Bridgeport, CT.	3/15/79	treatment - malfunctioning plant	White material unk. amt.	Bridgeport Harbor
Bethel, CT.	3/19/79	manufacturing unk. cause	Polyvinyl Chloride unk. amt.	ground

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West Haven, CT.	3/22/79	storage - unk. cause	Chemical Plasticoder unk. amt.	air
Greenwich, CT.	3/22/79	storage unk. cause	Ethylene Glycol 2 gal.	ground Indian Hargo:
Greenwich, CT.	3/25/79	manufacturing discharge	Solvents & Oil 50 gal.	Binney Park
Bridgeport, CT.	3/27/79	truck - accident	Dyes & Diesel fuel 500 gal.	road
Plainville, CT.	4/01/79	storage - fire	Fertilizer - unk. amt	ground, air
Darien, CT.	4/02/79	trans.-Cargo tank	Hydrochloric Acid 10 gal.	ground
Waterbury, CT.	4/09/79	unknown	Green Material 50 gal.	Great Brook
West Haven, CT.	4/10/79	storage-tank over- flow	Methyl methacrylate 30 gal.	ground

REGION I

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Norwalk, CT.	4/20/79	storage-tank over- fill	Xylene - 60 gal.	ground
Wethersfield, CT.	4/25/79	storage - fire	Mixed waste-unk.amt	groundwater
Woodbury, CT.	4/26/79	storage - discharge	Hydrochloric Acid 15 gal.	surface water Pomperaug R.
Middletown, CT.	4/26/79	trans.-truck-lost drum	terpintine-55 gal.	ground
Plainfield, CT.	4/26/79	manufacturing housekeeping	mixed waste-100 g.	groundwater
Wallingford, CT.	4/27/79	storage-piping failure	Formaldehyde-350 g.	ground, groundwater
Norwalk, CT.	5/08/79	unknown	yellow oil-unk. amt	Norwalk R.
Ledyard, CT.	5/21/79	Highschool-storage vandalism	mixed pesticides 2 gal.	small pond
Groton, CT.	5/22/79	storage-discharge	Toluene-1 gal.	surface water Thomas Riv.

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Manchester, CT.	6/04/79	storage-transformer	PCB-2 gal.	none
W. Hartford, CT.	6/05/79	trans.-truck leaky drum	Carrier jet emulsi- fier	road
Canton, CT.	6/07/79	discharge-manufact.	unknown	Farmington R
Danbury, CT.	6/12/79	storage-tank over- fill	Polyurethane-5,000 lbs.	ground, surfac water
Waterford, CT.	6/12/79	trans.-tank truck ruptured valve	Toluene-unk. amt.	ground
Danbury, CT.	6/12/79	storage-overfill	foam resin bond unk. amt.	brook
Stamford, CT.	6/13/79	storage-tank over- fill	sodium hydroxide unk. amt.	ground
Waterbury, CT.	6/13/79	storage-discharge	acetic acid-100 g.	surfacewater Mad River
Colchester, CT.	6/16/79	storage-fire	naphthalene/mineral spirits-300 gal.	ground

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Long Warf, CT.	6/21/79	trans-truck accident	trichloromethane 1 gal.	ground
East Berlin, CT.	6/26/79	trans.-truck washing	butyl acrylate unk, amt.	none
Norwalk, CT.	6/28/79	manufacturing- dumping	detergent	Wilson Cove
Meridan CT to Scarboro ME	8/30/79	trans.-leaking drum	coal tar dye methyl violet in acetic acid-30 g.	ground interstate highway
Milford, CT.	9/17/79	trans.	sodium cyanide 20 lbs.	ground

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Old Orchard to S. Portland, ME.	10/ /78	trans-rail loose valve/leakage	acid sludge-unk.amt	ground (rail bed)	
Sanford, ME.	1/15/79	manufact.-plant up- set	methyl methacrylate 25 gallons	ground,air	
Glenburn, ME.	2/23/79	trans-truck accident	powdered pesticides unk. amt.	ground	
Fairfield, ME.	4/5/79	mfg.-valve failure in mixing process	sodium hypochlorite 1,000 gal	sewer to Kennebec R.	
Scott Paper Skowhegon, ME.	5/22/79	trans-truck improper fittings & hose leak	black liquid (sodium sulfidrate) 1,100 gal.	water,ditch to brook to sediment por to Kennebec R.	1) 3 cows drank. 2) 3 cows died.
Jay, ME.	spring79	mfg.-facility pro- cess upset	chlorine-unk. amt.	air	
Orrington, ME.	summer79	mfg.-facility pro- cess upset	chlorine-100 lbs.	air	
Jackman, ME	6/14/79	trans-air emergency dumping after engine malfunction	orthene-250 gallons	ground/air	Referred to pesticides branch.

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Big Eagle Lake, ME.	6/14/79	tran-air crash	"seven-4"-100 gal. & 400 g. avgas	Big Eagle Lake & Allagash Riv.	Referred to pesticides branch.
Yarmouth, ME.	7/18/79	unk.-leaching from river bank	mercury-unk. amt.	ground & Royal River	
Guilford, ME.	5/24/79	storage-flood	TRI 5-15,000 lbs.	Piscataqua R.	Lab assisted ME DEP.
Bar Mills, ME.	9/13/79	storage-spilled	latex paint - 50g.	ground & Sado R	
Meriden to Scarboro, ME.	8/30/79	trans-truck leaking drum	coal tar dye methyl violet in acetic acid	ground	

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Wilkinson- ville , MA.	10/27/78	Storage-hose rup- tured	Resin plasticizer 50 gal.	Ground	
Belchertown, MA.	Fall 78	Disposal-waste in septic tank	Trichloroethylene, 1,1,1-trichloro- ethane, halomethanes 150 unidentified Quantity unk	Groundwater	
Norton , MA.	11/78	Disposal-improper disposal	Uranium & other radioactive wastes Unk	Ground, Groundwater	
So. Hadley, MA.	11/17/78	Storage-drum punctured	Paint 10 gal.	Connecticut River	
Lanesboro, MA.	11/22/79	Disposal-found in landfill	Pyranol (PCB's) Unk	Ground	
Auburn , MA.	11/78	Disposal-waste lagoon overflow & leachate	Oil waste acids & other chemicals Unk	Ground groundwater trib. to Sloneville Reservoir	Problem continues.
Attleboro, MA.	12/78	Disposal-improper disposal of nuclear waste	Radium wastes Unk	Ground	

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Acton, MA.	12/78	unk	benzene, chloroform, 1,1 dichloroethane, 1,1 dichloroethy- lene, methylene chloride, toluene, 1,1,1 trichloro- ethylene unk	groundwater
Lynn, MA.	12/10/78	storage-transformer failure	PCB's 50 gal.	ground
No. Reading, MA.	12/29/78	unk	trichloroethylene unk	groundwater
Fall River, MA.	12/12/78	storage-capacitator exploded	pyranol 5 gal.	ground
Norwood, MA.	1979	unk	trichloroethylene unk	groundwater
Dighton, MA.	1/18/79	unk-possible efflu- ent from I.C.I Dighton	red dye unk	Taunton River
Brockton, MA.	1/26/79	truck-drum fell from truck	ammonia hydroxide 55 gal.	ground

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Bradford, MA.	2/7/79	rail-vandalism of valve	polypropylene glycol 23,566 gal.	ground
Norwood, MA.	2/20/79	storage-overfilled storage tank	latex 10 gal.	ground
Westwood, MA.	3/79	unk	1,1,1 trichloro- ethane unk	groundwater
So. Grafton, MA.	4/5/79	unk	unk	Blackstone River
Freetown, MA.	4/8/79	disposal-illegal disposal of chem. wastes	various chemical wastes 1500 drums	ground
Attleboro, MA.	4/17/79	truck-drum tipped over	butyl-8 30 gal.	ground
Dartmouth, MA.	4/20/79	disposal-suspected illegal storage & disposal of haz. material	chloroform, dich- loroethylene unk	ground & groundwater

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Yarmouth, MA.	4/25/79	disposal-improper disposal of haz. material	paint solvents, trichloroethylene, toluene, 1,1,1 tri- chloroethane unk	ground	Believed that problem possibly re- lates to Tn. of Bedford's trichloro- ethylene problem.
Burlington, MA.	5/79	unk	trichloroethylene unk	groundwater	
Woburn, MA.	5/79	disposal-illegal burial of 187 drums of waste	chloroform, trichloroethylene	groundwater	
Weymouth, MA.	5/14/79	storage-ruptured transformer	PCB's unk	ground	
Canton, MA.	5/14/79	unk	trichloroethylene, 1,1,1 trichloro- ethane	groundwater	
Danvers, MA.	5/21/79	unk	trichloroethylene unk	groundwater	

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Dorchester, MA.	6/6/79	disposal-illegal storage or haz. waste	trichloroethylene, acids, other chemicals 2000 barrels	ground	
Fort Devens, MA.	6/7/79	storage-leak in transformer	PCB's 1 gal.	ground	
Falmouth, MA.	6/11/79	unk	detergents, boron & unidentified substances unk		
Danvers, MA.	6/15/79	misc-legal state spraying of road- side	"Dow Pon C" unk	ditch	
Billerica, MA.	6/15/79	disposal-illegal disposal of haz. waste	methyl ethyl ketone 385 gal - 7 drums	none	Taken out of state.
Somerville, MA.	6/22/79	truck-truck washed out	chemical solvents	storm drains	
E. Bridge- water, MA.	6/25/79	unk	Q-10 200 gal.	ground	

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Wilmington, MA.	7/3/79	unk	trichloroethylene, 1,1,1 trichloro- ethane unk	groundwater
Oxford, MA.	7/14/79	disposal-improper disposal of chem.	metallic sodium under oil, chlor- ates, oxides, perchlorates, peroxides, acids, cyanides, arsenics, heavy metals, & others	ground
Concord, MA.	8/10/79	truck-leaking seal at valve	nitric acid unk	air
Taunton, MA.	8/10/79	storage-container leak	phenol chloride 500 lbs.	air,ground
Chicopee, MA.	8/17/79	storage-ruptured transformer	PCB	ground
Huntington, MA.	8/24/79	unk	aluminum sulfate 200 gal.	ground

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Meriden, CT to Scarboro ME	8/30/79	truck-leaking drum	coal tar dye 30 gal.	ground
Framingham, MA.	9/4/79	truck-vent valve open-vaporized	styrene	air
No. Spring- field, MA.	9/24/79	truck unk	ethyl acrylate 10 gal.	ground

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Gorham, NH.	10/4/78	abandoned storage- tank ruptured in abandoned building	urea formaldehyde 8000 gal.	land	No evidence that it reach- ed water. Owner pumped as much as it could out of ground.

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Hope Valley , RI.	10/11/78	manufacturing- tank overfill	37% formaldehyde 20 gal	plant floor,
Warwick, RI.	11/10/78	manufacturing- open door on retort	osmose-33 wood preserv. copper, chromium, arsenic 3,600	ground, roadway, 3 ponds
Providence, RI.	11/22/79	manufacturing - dumping	lucite 5 gal.	sewer system
E. Providence, RI.	1/24/79	manufacturing - dumping	toluene unk	Providence River
Cranston, RI.	5/4/79	unk	paint 1 pint	Pawtucket River
Coventry, RI.	5/10/79	storage-unloading from truck	olin detergent SL-62 20 gal.	ground, Pawtuxet River
Central, RI.	5/9/79	storage-tank overfilled	epoxy resin 20 gal.	ground
E. Providence, RI.	8/13/79	misc.-leach from pilings & old spill	#6 oil & creosote 5 gal.	Narragansett Bay

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Coventry , RI.	7/27/79	storage-fire/ explosion	dizzo pigments (organic & zinc compounds) 100 lbs.	Pawtuxet River
Scituate , RI.	7/26/79	misc.-spilled contained	sevin, malathion 25 lb. 5 lb.	Quonapaug Brook

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Rutland Town, VT.	10/31/78	truck-accident	liq. ammonia&diesel fuel-50 gal.	none
Springfield, VT.	11/14/78	misc.-leak	LPG	air
Cambridge , VT.	1/3/79	truck-road acci.	trichloroethylene perchloroethylene (20 gal)	water Lamoille R.
Bennington, VT.	11/17/78	unknown	red discharge ink. amt.	Bennington POTW, Walloons sac River
S. Burling- ton, VT.	1/24/79 1/30/79	mfg. unk. amt.	undercoating mat. 500 gal.	Barlett's Bay POTW
Bristol, VT.	1/29/79	unknown	lacquer, stain, fuel oil - unk. amt.	unknown
Shaftsbury, VT.	2/21/79	treatment holding lagoon leak	liquid process waste-200 g.	ground, Paran Creek
N. Stratford, VT.	3/9/79	misc.-flooding	#2 fuel oil, propane, gasoline-unk. amt.	CT Riv.

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Springfield, VT.	4/18/79	train-derailment	propane, salt- ink. amt.	air
Burlington, VT.	4/27/79	unknown	kerosene type cleaner-unk. amt.	Burlington PORT
Brandon, VT.	6/15/79	mfg.-truck washings overflow lagoon	pesticide-unk. amt.	ground
Brandon, VT.	6/4/79	unknown	hydrocarbons unk. amt.	spring, brook
Ferrisberg, VT.	6/6/79	truck-accident	liquid asphalt- 2,500 gal.	ground
W. Brome, Quebec, Canada	6/21/79	train-derailment	petroleum gas, LPG, octyl alcohol unk. amt.s	river flow- ing toward VT
Morrisville, VT.	7/16/79	misc.-old cylinder	chlorine-unk. amt.	air
Montpelier, VT.	7/31/79	storage leaky tranformer	PCB-1.5 gal.	ground

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Swanton , VT.	8/1/79	treatment closed plant	25% NaOH-1000gal.	unknown
Brattleboro, VT.	9/9/79	unknown	cleaning compound, wood preservative unk. amt.	unknown
Colchester, VT.	8/15/79	rail-derailment	L.P.G.-1 rail car	air
Colchester, VT.	8/21/79	truck-accident	chlorine, ammonia tanks	none
Essex , VT.	8/21/79	trans.-unk.	Cl ₂ + NA, NH ₃ unknown amt.	ground

SUMMARY

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
158	47	205	<table><tr><td>Storage</td><td>0</td></tr><tr><td>Trucks</td><td>30</td></tr><tr><td>Rail</td><td>16</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>3</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>113</td></tr><tr><td>Waste Disposal</td><td>8</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>0</td></tr><tr><td>Fire</td><td>0</td></tr><tr><td>Capacitor/ Transformer</td><td>16</td></tr><tr><td>Unknown</td><td>16</td></tr><tr><td>Miscellaneous*</td><td>3</td></tr><tr><td>TOTAL</td><td>205</td></tr></table>	Storage	0	Trucks	30	Rail	16	Aircraft	0	Ship/Barge	3	Manufacturing/ Industrial Fac.	113	Waste Disposal	8	Treatment	0	Pipeline	0	Fire	0	Capacitor/ Transformer	16	Unknown	16	Miscellaneous*	3	TOTAL	205
Storage	0																														
Trucks	30																														
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Treatment	0																														
Pipeline	0																														
Fire	0																														
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Unknown	16																														
Miscellaneous*	3																														
TOTAL	205																														

* Private Home (3)

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Washington Twp, N.J.	9/29/78	Factory	#2 oil & styrene (200 gallons)	Water - Bear Brook
Passaic County, N.J.	10/5/78	Factory	Adhesive compound	Air
Owego, N.Y.	10/3/78	Unknown	Sulfuric acid	Land
Middlesex, N.J.	1/3/78	Unknown	Caustic compound	Water - Ambrose Brook
Rochester, N.Y.	10/6/78	Truck	PCB and transfor- mer oil (120 gal- lons)	Land
Keyport, N. J.	10/11/78	Factory	Unknown	Water - Raritan Bay
Elizabeth Port, N.J.	10/16/78	Rail	Xylene	Air & Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Elizabeth, N.J.	10/18/78	Rail	Chlorine	Air
Watertown, N.Y.	10/20/78	Rail	Caustic soda solution	Air
Binghamton, N.Y.	10/19/78	Truck	Dimethylamine (2 gallons)	Air & Land
Bayonne, N.J.	10/25/78	Factory	Pyridine	Water - N.Y. Bay
Linden, N.J.	10/31/78	Factory	Dimethyldithiophos- phoric acid (1,600 gallons)	Water - Rockaway River
Linden, N.J.	10/31/78	Factory	Methylisobutyl ketone (1 quart)	Water - Arthur Kill
Knowton Twp, N.J.	11/1/78	Truck	Methylethylketone (6,000 gallons)	Water - Delaware River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Cedar Knolls, N.J.	11/2/78	Factory	Mixed solvents & cashew nut oil	Water - Whippany River
Cherry Hill, N.J.	11/6/78	Factory	Titanium dioxide compounds	Air
Berkeley Hgts, N.J.	11/7/78	Factory	Aluminum hydroxide (100 gallons)	Water - Passaic River
Cocksackie, N.Y.	11/3/78	Rail	Corrosive mater- ial	Air & Land
Delaware Water Gap, N.J.	11/9/78	Factory	Unknown	Water - Delaware River
Amherst, N.Y.	11/6/78	Factory	PCB and transfor- mer oil (400 gal.)	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
New York, N.Y.	11/14/78	Factory	PCB and transfor- mer oil	Land
Brooklyn, N.Y.	11/15/78	Factory	Mixed chemicals	Water - N.Y. Bay
Camden, N.J.	11/16/78	Rail	Butyl Acrylates	Land
Ponce, P.R.	11/16/78	Factory	Molasses & Oil (75,000 gallons)	Land
Holmichael, N.J.	11/15/78	Truck	Synthetic latex (40 gallons)	Land
Hackensack, N.J.	11/17/78	Factory	PCB & transformer oil	Land
Morrisville, Pa.	11/17/78	Factory	Anhydrous ammonia & acetylene	Water - Delaware River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Norristown, Pa.	11/14/78	Truck	Heavy metallic waste (5,000 gal.)	Land & Water - ?
Linden, N.J.	11/27/78	Factory	Dimethylether	Land & Air
Rahway, N.J.	11/27/78	Factory	Unknown	Water - Rahway River
Mavreau, N.J.	11/30/78	Waste disposal	PCB and transfor- mer oil	Land
Port Jeffer- son, N.Y.	11/30/78	Unknown	Trichloroethylene (20 gallons)	Land
Beacon, N.Y.	12/4/78	Unknown	Acid & Oil mixture	Land
Monroe, N.Y.	12/2/78	Truck	CCl ₄ (700 gallons)	Land
Somerset, N.J.	12/6/78	Private home	Mercury (1 gallon)	Water - Raritan River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Albany, N.Y.	12/7/78	Factory	Chromic acid (30,000 gallons)	Water - Hudson River
Staten Is- land, N.Y.	12/8/78	Factory	Waste chemicals	Water - Arthur Kill
Croton, N.Y.	12/12/78	Factory	PCB & transformer oil (50 gallons)	Water - Hudson River
Syracuse, N.Y.	12/17/78	Factory	Waste chemicals & asphalt	Land
Poughkeep- sie, N.Y.	12/22/78	Rail	Synthetic latex (1,000 gallons)	Water - Hudson River
Union, N.J.	12/23/78	Factory	Ethylene Oxide	Land
Poughkeep- sie, N.Y.	12/27/78	Rail	Styrene & Buta- diene (600 gal.)	Air & Water - Hudson River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Parlin, N.J.	12/27/78	Factory	CCl ₄ (7,000 gal.)	Water - ?
Carteret, N.J.	12/31/78	Factory	Cumene (200 gal.)	Water - Arthur Kill
Niagara, N.Y.	12/22/78	Factory	Phenol (6,000 gal)	Water - Cayuga Creek
Albany, N.Y.	1/8/79	Barge	Naptha (20,000 barrels)	Water - Hudson River
Haledon, N.J.	1/9/79	Factory	Aluminum oxide (500 lbs)	Water - Mollyann Brook
Newark, N.J.	1/5/79	Factory	Pesticide	Air
Greenwich, N.Y.	1/12/79	Truck	Phenolic resin (1,000 gallons)	Water - Hudson River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Croton, N.Y.	1/12/79	Rail	PCB & transformer oil	Land
Bethlehem Twp., N.J.	1/22/79	Truck	HCl (5,000 gallons)	Water - Musconect- ong River
Plainsboro, N.J.	1/18/79	Factory	HCN (5 lbs)	Air
Buffalo, N.Y.	1/24/79	Factory	Formaldehyde (1,350 lbs)	Water - Niagara River
Tonawanda, N.Y.	2/26/79	Factory	Phenol (4,000 gal)	Water - Niagara River
Newark, N.J.	2/6/79	Truck	Phosphoric acid (165 gallons)	Land
Linden, N.J.	2/7/79	Factory	Anhydrous ammonia (30 lbs)	Air
Buffalo, N.Y.	12/17/78	Rail	Chlorine (54,000 lbs)	Land & Air

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bayonne, N.J.	2/23/79	Factory	Ferric chloride (20,000 gallons)	Land
Staten Is- land, N.Y.	2/23/79	Truck	Mercury (70 lbs)	Land
Bergen, N.Y.	2/28/79	Factory	Mixed chemicals	Land
Schenectady, N.Y.	3/1/79	Rail	Cresylic acid (1,000 lbs)	Water - Mohawk River
Freehold, N.J.	3/1/79	Factory	Methylethylketone (5,000 gallons)	Land
Avenel, N.J.	3/8/79	Truck	Toluene (1800 gallons)	Water - Rahway River
New Bruns- wick, N.J.	3/9/79	Factory	CN	Land
Fords, N.J.	3/9/79	Factory	Mixed esters & alcohols (2,500 gallons)	Land

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HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Newburgh, N.Y.	3/19/79	Factory	Fertilizer	Land
Bound Brook, N.J.	3/16/79	Factory	Aniline (10,000 gallons)	Water - Raritan River
Carteret, N.J.	3/19/79	Factory	Dipthanolamine (80 gallons)	Land
Westville, N.J.	3/21/79	Factory	Sulfuric acid	Land
Basking Ridge, N.J.	3/22/79	Unknown	PCB & transformer oil	Land
Albany, N.Y.	3/23/79	Transformer	PCB & transformer oil (1 gallon)	Water - Mohawk River
New Bruns- wick, N.J.	3/26/79	Unknown	Surfactant/deter- gent	Water - Mile Brook
Vestal, N.Y.	3/23/79	Factory	Copper sulfate	Water - Susquehenna River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Jackson Twp, N.J.	3/4/79	Truck	Chemical waste	Land
Morris, N.J.	3/26/79	Transformer	PCB & transformer oil	Land
Dunkirk, N.Y.	3/27/79	Factory	Sulfuric acid (600 gallons)	Land
Cadiff, N.J.	3/27/79	Transformer	PCB & transformer oil (3 gallons)	Water - Atlantic Ocean
Linden, N.J.	3/28/79	Factory	Sulfuric & nitric acid	Land
Port New- ark, N.J.	3/28/79	Truck	Diethylaniline (55 gallons)	Land
Newark, N.J.	3/29/79	Rail	Ethylene oxide	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
South Kearney, N.J.	3/29/79	Truck	Mixed acids & solvents	Water - Passaic R.
New Brunswick, N.J.	3/31/79	Truck	Titanium tetrachloride (20 gal.)	Land
Long Island N.Y.	3/29/79	Truck	Mixed pesticides	Land
Dunellen, N.J.	4/2/79	Factory	Unknown	Water - Bonegot Brook
Oswego, N.Y.	3/22/79	Unknown	Oil & Chemicals	Land
Paulsboro, N.J.	4/5/79	Factory	Chemical waste	Water - Delaware River
New Brunswick, N.J.	4/4/79	Unknown	Surfactants/Detergent	Water - Mile Brook

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pompton Lks, N.J.	4/11/79	Factory	Paint stripping com- pounds	Water - Post Brook Creek
Clifton, N.J.	4/12/79	Factory	Anhydrous ammonia (500 gallons)	Land
Paulsboro, N.J.	4/19/79	Factory	Oils & mixed chem- icals	Water - Delaware River
Bayonne, N.J.	4/20/79	Factory	Chlorine	Land
Edison, N.J.	4/23/79	Waste Disposal	Lithium (55 gallons)	Land
Hillside, N.J.	4/25/79	Factory	Unknown	Water - Elizabeth River
Brooklyn, N.Y.	4/27/79	Truck	Arsenic hydride	Air

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Freehold, N.J.	4/29/79	Truck	Thorium nitrate	Land
Halden, N.J.	4/30/79	Factory	Ethyl acrylate (40 gallons)	Land
Elizabeth, N.J.	5/3/79	Unknown	Mixed chemicals	Land
Hanover, N.Y.	5/3/79	Rail	Vinyl chloride (210,000 lbs)	Land
Sayreville, N.J.	5/8/79	Unknown	Mixed acids	Water - ?
New Bruns- wick, N.J.	5/9/79	Factory	Boric acid & sod- ium sulfate (50 gallons)	Land
Franklin Twp, N.J.	5/10/79	Factory	Cyanuric chloride	Air
Edison, N.J.	5/11/79	Factory	Mixed solvents	Air

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bridgewater, N.J.	8/11/79	Transformer	PCB & transformer oil	Land
West Milton, N.Y.	5/12/79	Factory	Cobalt 60 (1,700 gallons)	Water - Kayaderoff Creek
Staten Is- land, N.Y.	5/11/79	Waste Disposal	Mixed chemicals	Water - Arthur Kill
Wedgewood, N.J.	5/14/79	Transformer	PCB & transformer oil (3 gallons)	Water - Mantau Creek
Bayonne, N.J.	5/16/79	Factory	HCl (10,000 gal)	Water - Kill Van Kull
Newark, N.J.	5/18/79	Unknown	Mixed chemicals	Water- Raritan River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Old Bridge Twp, N.J.	5/18/79	Waste Disposal	Mixed chemicals	Land
Brooklyn, N.Y.	5/20/79	Waste Disposal	PCB & transformer oil	Land
Sayreville, N.J.	5/22/79	Factory	Unknown	Water - Raritan River
Glen Cove, N.Y.	5/22/79	Unknown	Acid	Water - Glen Cove Creek
Clifton, N.Y.	5/23/79	Factory	NaOH (25 gallons)	Water - Hillview River
Staten Is- land, N.Y.	5/24/79	Factory	Carboxylic acid & naptha (50 gal)	Land
Newark, N.J.	5/24/79	Factory	Mixed chemicals	Land
Newark, N.J.	5/25/79	Factory	Mercury & pesti- cides	Land

REGION

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
South Amboy, N.J.	5/25/79	Factory	Unknown (10 gal)	Water - Raritan R.
Ithaca, N.Y.	5/25/79	Transformer	PCB & transformer oil (200 gallons)	Water - Cayuga Lake
Garfield, N.J.	5/29/79	Truck	Benzoic acid	Land
Bergen, N.J.	5/29/79	Transformer	PCB & transformer oil (1 gallon)	Land
Red Bank, N.J.	5/31/79	Factory	Titanium dioxide compounds (1 gal)	Water - Neversink River
Secaucus, N.J.	6/1/79	Truck	Thorium (1 box)	Air
Westchester, N.Y.	5/29/79	Truck	Xylene	Land
Bridgewater, N.J.	5/11/79	Factory	PCB & transformer oil (10 gallons)	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
New Bruns- wick, N.J.	6/5/79	Factory	Formaldehyde	Water - Raritan River
Clifton, N.J.	6/13/79	Factory	Bleaching liquid (25 gallons)	Land
Buffalo, N.Y.	6/14/79	Factory	Benzedine	Land
Cumberland City, N.J.	6/15/79	Private home	Parathion (300 gallons)	Land
Middlesex, N.J.	6/22/79	Factory	Xylene (150 gal)	Water - Raritan River
Fairfield, N.J.	6/22/79	Factory	Pesticides	Land
Teaneck, N.J.	6/24/79	Factory	Nonylphenoxypoly- ethanol (4,000 gallons)	Water - ?

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Glen Cove, N.Y.	6/25/79	Factory	Toluene (1,000 gallons)	Water - Glen Cove
Falcomer, N.Y.	6/28/79	Truck	HCl solution (20 gallons)	Land
Paulsboro, N.J.	6/28/79	Factory	Naptha (1M gallons)	Land
Brooklyn, N.Y.	6/29/79	Factory	Pesticides	Land
Plainsboro, N.J.	7/5/79	Factory	Acetone, cyanuric acid, urea (20,000 gallons)	Land
Woodbridge, N.J.	7/8/79	Factory	Mixed acids (400 gallons)	Water - Woodbridge Creek
N.Y., N.Y.	7/9/79	Factory	Toluene di-iso- cyanate (550 gal)	Water - East River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Huguenot, N.Y.	7/10/79	Factory	Aluminum chlor- hydrate (7,000 lbs)	Water - Neversink River
West Keans- bury, N.J.	7/8/79	Factory	Mixed chemicals	Water - Raritan Bay
Glen Falls, N.Y.	7/6/79	Factory	Mixed chemicals	Water - Hudson R.
Staten Is- land, N.Y.	7/10/79	Waste Disposal	Arsenate of lead	Land
Bridgewater, N.J.	7/13/79	Transformer	PCB & transformer oil (80 gallons)	Water - Raritan R.
Paulsboro, N.J.	7/13/79	Factory	Mixed chemicals	Air & Land
Bloomsboro, N.J.	7/14/79	Rail	Sulfuric acid	Water - Musconet- cong River
Old Bridge, N.J.	7/15/79	Factory	Acrylic acid	Water- ?

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Buffalo, N.Y.	7/17/79	Transformer	PCB & transformer oil (102 gallons)	Land
Camden, N.J.	7/17/79	Rail	Cumene (170 gal)	Water - Delaware R.
Whitehorse, N.J.	7/16/79	Factory	Ammonia	Water - Rockaway Creek
Worcester, N.Y.	5/10/79	Unknown	Detergent & Sur- factants	Water - Texas Lake
Bayonne, N.J.	7/18/79	Factory	Chlorine gas	Air
Point Plea- sant, N.J.	7/13/79	Waste Disposal	Acrylic acid (37 gallons)	Land
Bayonne, N.J.	7/18/79	Rail	Chlorine gas (132,000 lbs)	Air
Wellsburg, N.Y.	7/19/79	Truck	Propylene glycol (5,000 gallons)	Water - Chemung Creek

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Gloucester City, N.J.	7/19/79	Factory	Unknown	Water - Delaware River
N.Y., N.Y.	7/19/79	Factory	PCB & transformer oil (1 gallon)	Land
Newark, N.J.	7/19/79	Rail	Methyl methacrylate monomer (6,000 gallons)	Land
Endicott, N.Y.	7/17/79	Factory	Perchloroethylene (55 gallons)	Water - Sushquehen- na River
Willingsbord, N.J.	7/14/79	Private home	Herbicide (1 gal)	Water - Rancoccas Creek
Syracuse, N.Y.	7/21/79	Factory	Na chloride solu- tion (60,000 gal)	Water - Onondaga River
Solvay, N.Y.	7/21/79	Factory	Salt solution (33,000 gallons)	Water - Onondaga River

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Paulsboro, N.J.	7/22/79	Factory	HCl (100 gallons)	Water - Delaware River
Brooklyn, N.Y.	7/25/79	Ship	Ba ₂ OH (115,000 lbs)	Water - East River
Elizabeth, N.J.	7/27/79	Transformer	PCB & transformer oil (2 gallons)	Land
Point Plea- sant, N.Y.	7/28/79	Ship	Titanium dioxide (1 gallon)	Water - Lake On- tario
South Amboy, N.J.	7/30/79	Factory	Detergent (1 gal)	Land
Gibbstown, N.J.	7/31/79	Transformer	PCB & transformer oil (1 gallon)	Land
Old Bridge Twp, N.J.	7/31/79	Factory	Mixed chemicals	Water - Runyon Cr.
Fords, N.J.	8/2/79	Factory	Formaldehyde sol- ution (4,000 gal)	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Linden, N.J.	8/12/79	Factory	Sulfuric acid solution (55 gal)	Water - Arthur Kill
Edison, N.J.	5/16/79	Factory	Acetic anhydride (1 gallon)	Land
Parlin, N.J.	8/2/79	Factory	Acetone (8,000 gallons)	Land
Newark, N.J.	8/3/79	Unknown	Mixed chemicals and oil	Water - Newark Bay
Bronx, N.Y.	8/3/79	Factory	Mixed chemicals (30 cubic yards)	Land
Essex City, N.Y.	8/9/79	Factory	Radioactive tail- ings	Land
Linden, N.J.	8/10/79	Factory	Sulfuric acid (750 gallons)	Land
Montaur Falls, N.Y.	8/13/79	Truck	Sodium hydrosulfide (250 gallons)	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Linden, N.J.	8/15/79	Factory	Mercury & NaOH (20,000 gallons)	Water - Arthur Kill
Irvington, N.J.	8/15/79	Transformer	PCB & transformer oil (35 gallons)	Water - Passaic R.
Edison, N.J.	8/20/79	Transformer	PCB & transformer oil (5 gallons)	Land
Binghamton, N.Y.	8/20/79	Truck	Picric acid	Land
South Plain- field, N.J.	8/21/79	Truck	Alcohol, lead, & mercury	Land
Schenectady, N.Y.	8/21/79	Factory	Phenols	Water- Hudson R.
South Plain- field, N.J.	8/23/79	Factory	NaOH	Water - Bound Brook
Edison, N.J.	8/23/79	Truck	Methyl alcohol (2,500 gallons)	Water - Raritan R.

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Perth Amboy, N.J.	8/23/79	Truck	Mixed chemicals (100,000 gallons)	Water - Arthur Kill
Buffalo, N.Y.	8/28/79	Transformer	PCB & transformer oil (13 gallons)	Water - Buffalo R.
Clarence, N.Y.	8/28/79	Truck	Nitrogen, potassium, Land phosphorus (100 gallons)	
Linden, N.J.	8/29/79	Waste Disposal	Formaldehyde sol. (10 gallons)	Water - Arthur Kill
Woodbridge, N.J.	8/29/79	Truck	Propane	Air
Lindhurst, N.J.	8/30/79	Factory	Acid (300 gallons)	Water - Passaic R.
Rahway, N.J.	8/30/79	Transformer	PCB & transformer oil (5 gallons)	Land
Middletown, N.Y.	9/2/79	Transformer	PCB & transformer oil (1,000 gallons)	Water -?

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Menlo Park, N.J.	9/5/79	Unknown	H ₂ S	Air
Newark, N.J.	9/7/79	Factory	Arsenic acid (90,000 lbs)	Land
Denville, N.Y.	9/6/79	Transformer	PCB & transformer oil	Water - Indian Lk.
Carlstadt, N.Y.	9/6/79	Factory	Alcohol spirits	Land
Carlstadt, N.Y.	9/11/79	Factory	Diethylamine	Air
Syracuse, N.Y.	9/11/79	Factory	NaOH solution (24,000 gallons)	Water - Onondaga River
Solvay, N.Y.	9/13/79	Factory	NaOH solution (800 gallons)	Water - Onondaga River
Newark, N.J.	9/13/79	Factory	Titanium dioxide solution (130 gal)	Water - Passaic R.

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Newark, N.J.	9/13/79	Factory	Mixed herbicides (333 gallons)	Land
Syracuse, N.Y.	9/14/79	Factory	NaOH solution (678,000 gallons)	Water - Onondaga River
Bayonne, N.J.	9/17/79	Factory	Mixed chemicals (2 gallons)	Water - Kill Van Kull
Middleport, N.Y.	9/17/79	Factory	Diethylene dioxide (133 gallons)	Land

SUMMARY

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
188	68	256	<table><tr><td>Storage</td><td>17</td></tr><tr><td>Trucks</td><td>17</td></tr><tr><td>Rail</td><td>31</td></tr><tr><td>Aircraft</td><td>1</td></tr><tr><td>Ship/Barge</td><td>5</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>14</td></tr><tr><td>Waste Disposal</td><td>4</td></tr><tr><td>Treatment</td><td>6</td></tr><tr><td>Pipeline</td><td>5</td></tr><tr><td>Fire</td><td>3</td></tr><tr><td>Capacitor/ Transformer</td><td>27</td></tr><tr><td>Unknown</td><td>116</td></tr><tr><td>Miscellaneous*</td><td>10</td></tr><tr><td>TOTAL</td><td>256</td></tr></table>	Storage	17	Trucks	17	Rail	31	Aircraft	1	Ship/Barge	5	Manufacturing/ Industrial Fac.	14	Waste Disposal	4	Treatment	6	Pipeline	5	Fire	3	Capacitor/ Transformer	27	Unknown	116	Miscellaneous*	10	TOTAL	256
Storage	17																														
Trucks	17																														
Rail	31																														
Aircraft	1																														
Ship/Barge	5																														
Manufacturing/ Industrial Fac.	14																														
Waste Disposal	4																														
Treatment	6																														
Pipeline	5																														
Fire	3																														
Capacitor/ Transformer	27																														
Unknown	116																														
Miscellaneous*	10																														
TOTAL	256																														

* Equipment Breakdown (3), Transfer Line (1), Vandalism (2), Drum Handling (1), Flooding (1), Lightning (1), Sniper Shooting Truck (1).

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Washington D.C.	10/17/78	Chem.	500 gals. cleaning fluid	Potomic River	No cleanup possible.
W. VA	10/18/78	Chem.	Propylene oxide	Kanawha River	
MD	10/26/78	Oil/Chem.	oil/PCB	N/A	
MD	10/12/78	Chem.	Hydrochloric	none	
MD	10/24/78	Oil/Chem.	PCB oil	none	
PA	10/12/78	Chem.	Latex	unknown	
PA	10/22/78	Chem.	Hydroflouric & sulfuric acid	Paris Run	
W. VA	11/27/78	Chem.	Caustic soda & muriatic acid	Ohio River	
PA	11/03/78	Chem.	varied	none	
PA	11/09/78	Chem.	HCL & muriatic acids	none	Pinhole leak diked by comp.

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	11/09/78	Chem.	Caustic soda & soda ash	Allegheny River	Product all dissipated.
PA	11/13/78	Chem. derailment	Sulfuric Acid	none	More in water.
PA	11/14/78	Oil & Chem.	PCB oil	none	
PA	11/08/78	Oil & Chem.	PCB oil	none	
PA	11/10/78	Chem.	Phenol	unknown	Permit viola- tion.
PA	11/28/78	Oil & Chem.	PCB oil	Susquehanna River	
PA	11/03/78	Chem.	varied	none	
W. VA	12/10/78	Chem.	Caustic soda	none	
W. VA	12/10/78	Chem.	alcohol chloumic LPG - ?	none	
W. VA	12/21/78	Chem.	LPG & alcohol	none	3 cars only no spillage

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	12/29/78	Chem.	Hexamethyl	Ohio River	
PA	12/10/78	Chem.	Ethyl Benzene	Ohio River	
PA	12/21/78	Oil/Chem.	PCB oil	Delaware River	
MD	12/10/78	Chem.	o-xylene	Fir River	No spill.
W. VA	1/05/79	Chem. tank car tipped over	Isopropyl Acetate	unknown	
W. VA	1/11/79	Chem.	styrene laytex	Ohio River	
W. VA	1/18/79	Chem.	sulfuric acid	n/a	
W. VA	1/19/79	Chem.	Unknown	Kanawha River	
W. VA	1/23/79	Chem.	Unknown	Kanawha River	
W. VA	1/24/79	Chem.	Toluene diamer	Ohio River	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
W. VA	1/26/79	Chem.	40 % phenol, 30% creosote, 10% xylene	Ohio River	
W. VA	1/26/79	Chem.	unknown yellow color	Ohio River	
W. VA	1/28/79	Chem.	unknown	Ohio River	Pipe broke.
VA	1/10/79	Chem. tank over- fill	Fertilizer 32% urea 42% ammonia nitrate	James River	
VA	1/14/79	Chem. derailment	Hexa-methylene Diamine	unknown	3 tank cars
VA	1/15/79	Chem.	Alcohol solution 1000 gals.	Clinch River	
MD	1/10/79	Oil/Chem.	PCB 2-3 gal.	Severn River	
PA	1/03/79	Chem/Oil	PCB 284 gal.	Schuylkill River	
PA	1/11/79	frozen lines	organics 600 gal.	Del. River	
PA	1/13/79	Chem.	Cumene 1500 gal.	Del. River	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	1/15/79	Chem.	Potassium 100 gal. $KMnO_4$	Schylkill R
PA	1/10/79	Chem.	Butyl alcohol	Schuylkill R
PA	1/17/79	Chem. breakdown of equipment	Phenols, cynaides, & solids	<i>Monongakela</i> River
PA	1/19/79	Chem.	Polyalkylene glycol	Schylkill R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	1/29/79	Chem.	Alcohol & chlorine, 5000 gal.	n/a
PA	1/22/79	Chem./Oil	245 TSO diesel fuel	unknown
PA	1/22/79	Chem. & Sludge	unknown	Delaware River
PA	2/01/79	Chem./Oil	PCB 1 gal.	none
PA	2/02/79	Chem.	Sodium hydroxide 500 lbs.	none
Delaware	2/28/79	Chem./Oil	PCB 1gal.	Indian River
MD	2/05/79	Oil/Chem.	PCB 100 gal.	James Fall
MD	2/07/79	Oil/Chem.	PCB	n/a
W. VA	2/08/79	line transfer split	40% Phenol, 30% Cresote, 10% xylene	Ohio River
W. VA	2/10/79	Barge pipeline snapped	50% caustic soda 1000 gal.	Ohio River
MD	2/15/79	Derailment	Toluene, bromates	Susquehanna R.

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Balt., MD	2/25/79	Chem.	Chrome pge, 20 ton capacity	n/a
W. VA	2/15/79	Chem.	Organic Cleaning Solvnet	Mills Creek into Ohio R
W. VA	2/14/79	Chem.	Chloroform	Kanawha River
W. VA	2/19/79	Chem.	Silon 1500 gal.	Sugar Camp Run
W. VA	2/27/79	Chem.	pigments	Guy & Otto to Ohio River
PA	2/13/79	Chem./Train de- railment	nitric acid, sul- furic acid/chlorine gas	Mahoning Rk
PA	2/21/79	Valve broke on storage tank	Chem. sodium silicate 20,000 to 66,000 gal.	Del. River
PA	2/22/79	Chem.	untreated soap suds	Del. River
PA	2/25/79	Derailment	Butyl alcohol	none

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	2/26/79	In plant sewer overflowed to Phila. sewer	cumene 1 gal.	sewer
PA	2/25/79	Chem.	HCl acid	n/a
PA	2/27/79	tank truck leaking	methylene chloride	n/a
W. VA	3/05/79	Oil/Chem.	unknown	Ohio River
W. VA	3/15/79	Chem.	Diphenylether	Kanawka R.
PA	3/01/79	Chem.	Latex, 4000 gal	Little Ceh Creek
MD	2/23/79	trailer leaking	morpholine	n/a
MD	3/27/79	Capacitor 1 exploded	PCB oil 1-3 gal.	n/a
VA	3/23/79	Chem.	MOCAP 10 G	Atlantic Ocean

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
VA, Richmond	3/09/79	Collision Chem.	Nitric acid	N/A
VA	3/21/79	tank car pipe broke due to collision	Liquid ammonia	N/A
PA	3/02/79	Barge unloading	napthalene	Ohio River
PA	3/5/79	tractor trailer overturned	xylene	n/a
PA	3/06/79	Oil/Chem.	PCB unk.	none
PA	3/06/79	Chem	Unknown	sewer
PA	3/08/79	Chem.	acid	unknown
PA	3/19/79	derailment	Ethylene	n/a
PA	3/11/79	Chem	Acetone	Stoney Creek
PA	3/13/79	Drum leaking	PCB	N/A
PA	3/15/79	Capacitor ... tank	PCB	n/a

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	3/19/79	Oil/Chem.	Intermediate oil Polybutadiene	Ohio River
Baltimore MD	3/20/79	tank car broken pipe	sulfuric acid	Bear Creek S. branch
Richmond, VA	3/22/79	truck caught fire	Phosphorous	Rock Creek
Johnstown, PA	3/22/79	electrical failure	PCB 1 qt.	n/a
Phila., PA	3/22/79	railroad derailment	Phosphorous	Lehigh River
Pennsauken NJ	3/22/79	tank trailing leak	Styrene	n/a
Chester, PA	3/23/79	fire-drums, waste material	chem. unknown	Delaware Riv
PA	3/27/79	truck accident drum leak	adhesive with 2 - 3 gal toluene	n/a
PA	3/28/79	sewer oil fuel discharge	Dk. red iron oxide	Allegheny Riv

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	3/05/79	Chem.	Sodium Dichronate 10,000gal	unknown
Riverside PA	3/30/79	Reactor Vessel explosion	monochlorobenzene	Susquehanna River
PA	3/30/79	Chem.	Styrene liquid	n/a
MD	4/10/79	leaking container	motor fuel & anti- knock comp.	Patapasco River
Balt., MD	4/12/79	Chem.	PCB 1 gal. unk.	Potomac River
Charleston W. VA	4/11/79	power plant discharge	3% Formic acid	Kanawha River
Neal, W. VA	4/26/79	holding lagoon overflow	hydride, maleic acid xylene	Big Sandy River
Roanoke, VA	4/03/79	Drums reptured	chem. unknown	Bach Creek
Farmville, VA	4/23/79	engine vent dis- charge	paint & rust remover, 600 gal.	Appomatox River

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pittsburgh, PA	4/06/79	blown gasket	maleic acid, 25 gal.	Ohio River
Bucks Co. PA	4/11/79	Discharge through vent in holding tank	water base car coating	Delaware R.
Valley Forge PA	4/18/79	Sodium cyanide	Sodium cyanide	Valley Ck nr. Schuylkill R.
Allegheny Co., PA	4/19/79	Outfall discharge	Organics	Allegheny R.
Freeport, PA	4/19/79	Transformer	PCB	Allegheny R.
Bramer Co., PA	4/23/79	Condenser Leak	Fluoresciene Dye	Gayden R. Ohio R.
Reedsville, PA	4/22/79	Chemicals & Oil	PCB - 2 gal.	na
Clarion Co., PA	4/25/79	Chemicals & Oil	PCB - 2 qts	n/a
Fogelsville PA	4/25/79	Chemical Drum Punctured	dye material	unknown
Penn	4/24/79	Chemicals	organic solvents	Schuylkill R.

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pittsburgh PA	4/30/79	Chemicals	condensate (coke oven)	Monongahela R.
Allentown, PA	5/3/79	train derailed	propane & chlorine	n/a
Kevintown VA	5/23/79	leaking	Sulfuric Acid	Jackson R
Mason Co., WV	5/2/79	chemicals	Hydrochloric Acid (small amt)	Ohio R
Maryland	5/15/79	drums leaking	organic solvents 1100 gal	Patapsco R
Baltimore MD	5/18/79	truck valve damage	xylene	storm sewer
Baltimore MD	5/21/79	train derailed	Sulfuric Acid potential 10,000 gal.	n/a
Dusby, MD	5/22/79	Chemical	Hydrazine	Chesapeake Bay
Maryland	5/29/79	Haz Sub. & Oil	PCB	Potomac R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Johnstown PA	5/13/79	Oil & Chemical	PCB	n/a
Waynesburg PA	5/4/79	Oil & Chemicals	PCB	n/a
Braddock PA	5/6/79	Derailment	Propylene ?	n/a
Chester PA	5/7/79	truck separated from trailer	Toluene	Delaware R
Penna	5/8/79	Derailment	Sodium	n/a
Pottstown PA	5/9/79	Valve on Truck opened	Cohenex ? 5-20 gal	trib to Schuylkill
Enola PA	5/9/79	RR derailment	Sodium Cyanide	Susquehanna R
Allegheny Co., PA	5/16/79	Barge crack in weld	Napthalene	Ohio R
Penna	5/17/79	Acid Discharge	Acid	Ohio R
Kensington PA	5/23/79	Vandalism	PCB	Schuylkill R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Beltsville MD	5/7/79	Transformer	PCB 1 quart	n/a
Curtis Bay Area	5/9/79	RR Derailment	Sulfuric Acid	Charles Branch
Elkton MD	5/11/79	Chemical	Dithane M 45 (pesticide)	Little Elk R
Worcester Co., MD	5/12/79	Chemicals	Phologen ?	Atlantic Ocean
Claymont DE	5/23/79	Broken Pipeline	Sulfuric Acid	Delaware R
Wilmington DE	5/24/79	Transformer	PCB 2 gal	n/a
Wilmington DE	5/30/79	Transformer	PCB 2 gal	Delaware R
Maryland	5/31/79	capacitor spill	PCB 2 gal	none
New Jersey	5/15/79	pipeline split	Benzene 200 - 300 gal	Delaware R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Richmond VA	5/25/79	Transformer	Methyl Ethyl Ketone	n/a
Clendenon WV	5/15/79	chemical & oil	PCB	none
Nitro WV	5/18/79	Chemical & Oil	Sulfurous Dich- loride	n/a
Warrington	5/24/79	Chemical	Sulfuric Acid Hydrochloric Acid Acetone	unknown
Penna	5/24/79	Chemical	Dumps	unknown
Lower Marion PA	5/23/79	Chemicals	toxic	Schuylkill
Penna	5/29/79	leaking Xfmr	oil, PCB, haz. sub.	n/a
Woodbine PA	5/28/79	Heavy rains caused Donwall to collapse	waste clay	n/a
Greensburg PA	5/30/79	Chemicals	PCB - unk qty	Allegheny R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Penna	5/30/79	Chemicals	Nitro Benzene	none
Penna	6/4/79	Chemical	Copper Sulfate	Mahonig CK
Baltimore MD	6/6/79	occured at Station Pump	SO ₂	Baltimore Harbor
Maryland	6/7/79	Haz. Sub.	Battery Acid 5 gal	Baltimore Harbor
Baltimore MD	6/22/79	T/T Accident	Caustic Soda 500 gal	Baltimore Harbor
Baltimore MD	6/30/79	RR car	Muriatic Acid 2 gal	none
Culpeper VA	6/9/79	unknown	Zinc, Phenol, mineral oil	n/a
Virginia	6/15/79	Chemicals	Latex l.t..1 gal	McBorooh Ck

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Middle War WV	6/29/79	Chemicals	Nitric Acid	Turkey R
Charleston WV	6/9/79	Barge Loading Overfill	Carbon 12 to 14	Kanawha R
Huntingdon WV	6/18/79	Tank car leak	Hydrochloric Acid	Ohio R
Parkersburg WV	6/19/79	tankcar leak	Hydrochloric Acid	unknown
Morgantown WV	6/22/79	heat exchanger failed	Trisodium Phenol Phosphate	Monongahela R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Phila, PA	6/30/79	transformer	PCB, 70 gal.	none
Phila., PA	6/29/79	tank over flow	Xylene ~~toluene~~ 5-10 gal.	Monongahela River
PA	7/16/79	Chem./Oil	PCB	none
Narberth, PA	7/01/79	Pesticide	Pesticides	none
Balt., MD	7/12/79	private hauler dumped	waste solvents from paint can	Baltimore Harbor
MD	7/14/79	transformer	PCB unknown	n/a
MD	7/24/79	Chem.	Benzyl alcohol	none
Wilmington, DE	7/17/79	Potential spill	Carbon bisulfide	Del. River
New Castle, DE	7/17/79	Chem.	antifreez	Silver Brook Stream
W. VA	7/09/79	Pond overflowing	ammonia	Turkey Run

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Franklin Co. PA	7/22/79	derailment	liquid caustic pot. ash, 5000 gal.	n/a
PA	7/24/79	fumes	chem. vapors/unk.	n/a
New Castle PA	7/24/79	fell into stream from flat car	sodium bichromate 1500 lbs.	Mohoney R.
Croydon, PA	7/25/79	leak in tank	sodium hydrosulfide acid	n/a
PA	7/26/79	Chem.	cleaning comp. HC 1 phosphoric 1180 gal.	n/a
Chester Co. PA	7/26/79	fork lift pierced drum	phosporous oxychloride 5 - 10 gal.	n/a
Bucks Co., PA	7/30/79	drums--flood	solvent & paint	Mill Creek
Pittston, PA	7/30/79	abandoned mine	dioctylphthalate alkyl resins, unk. own oil, etc.	Susquehanna River
Springfield PA	7/31/79	Vandalism	pesticides	n/a

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Balt., MD	7/12/79	Private hauler dumped	waste solvents from paint manuf.	Baltimore Harbor
MD	7/14/79	transformer	PCB	n/a
Philipsburg PA	7/17/79	Cap blew,/chem/oil	PCB 1 gal.	n/a
Phila., PA	7/17/79	Plant discharge	Cumene, 175 gal.	Frankford Cre
Bucks Co, PA	7/17/79	tank car leak	methyl -methacrylate monomer	Del. River
Phila., PA	7/17/79	Chem.	ammonia	storm sewer
Bucks Co, PA	7/18/79	Chem.	Pot. nitrate, sod. nitrate, sod. cynide	n/a
Narbeth, PA	7/17/79	Possible chem.	transformer oil	n/a
Collegeville PA	7/18/79	Chem.	trichloroethylene 1900 gal.	Perhona Ck.
Wellsboro PA	7/19/79	tank truck accident chem.	propylene glyx1 5000 gal.	Chemung

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bucks Co, PA	7/20/79	loose caps, leaking and faulty	sodium acetate, salicylate 5-10 gal.	none
Erie, PA	7/13/79	Chem.	paint, 1 gal.	French Creek
Indiana Co. PA	7/13/79	transformer hose blew	PCB, 2 gal.	n/a
Bethlehem, PA	8/27/79	Chem.	Sorbent, cyanide, 220 gal.	Lehigh River
Bucks Co., PA	8/28/79	tank car leak	ammonia	Delaware River
Monroe Co, PA	8/28/79	Chem	unknown, 200 gal.	n/a
Phila., PA	9/28/79	storage tank vapor problem	styrene	Delaware River
Phila., PA	8/29/79	Box trailer	HCl, 8 gal.	n/a
Phila., PA	8/31/79	Drum restoration	mixture, 100 gal.	Del. pier

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
MD	8/09/79	Cap. ruptured	PCB, 2-3 gal.	Pond
Baltimore, MD	8/09/79	Locomotive	PCB, 50 gal.	n/a
Cambridge, MD	8/20/79	transformer (lightning struck)	PCB, 25-30 gal.	n/a
Sharptown, MD	8/20/79	Oil/Chem.	all unknown	n/a

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Beaver, PA	7/22/79	Barge leak	Xylene, 2-3 gal/hr.	Ohio River
Clarion, PA	7/19/79	Cap. exploded	PCB, 2 gal.	no
Wheeling, W. VA	7/31/79	unknown source	Phenol, 215 ppb	Ohio River
S. Charleston, W. VA	3/01/79	Chem.	chem.	Kanawha River
Bridgewater, VA	7/11/79	airplane dumping	carbo furan	un-named cree
Clearfield, VA	7/11/79	cap. ruptured	PCB	n/a
Clifton Forge VA	7/22/79	tank car dome leak	Chloro sulfonic acid	n/a
Hopwell, VA	7/23/79	Weld failure in line	ammonia carbonate 50,000 gal.	James Rive
PA	7/07/79	Chem/Oil	PCB, 1 - 2 gal.	n/a
Bellefonte PA	7/10/79	derailment	lime, 100 lbs.	Logan Run

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Huntington WV	8/22/79	Process tank line broke	Modified Paint Pigment #33 2000 gal	Ohio R
Kanawha Co., WV	8/30/79	break in transfer line	oil allyl benzene	Kanawha R
Emporia VA	8/23/79	tank car leak	Octyl alcohol sm amt	n/a
Buchanan VA	8/30/79	tank leak	Calgon 2000 100 gal	? River
Phila PA	8/8/79	transformer cracked	PCB - 3 gal	n/a
Bucks Co., PA	8/11/79	drum leaking into river	lead based paint	Delaware R
Salisbury Jct, PA	8/13/79	RR derailment	caustic soda 150 gal/hr	unknown
Phila PA	8/14/79	brokenhose	Chlordane 1 qt	unknown
Fort Rich- mond VA	8/19/79	RR derailment	acetone	unknown

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Phila PA	8/29/79	chemical	water based adhesives	Aramingo Ck	
Penna	8/25/79	chemical/oil	PCB 2 gal	Delaware R	
North East MD	8/1/79	derailment	acrylicnitrate	none	
Baltimore MD	8/6/79	Lightning struck utility pole	PCB - 1 gal	n/a	
Howard Co. MD	8/7/79	Capacitor ruptured	PCB - 3 gal	n/a	
Cumberland MD	8/8/79	T/T accident	nitrobenzene 1000+ gal	trib to Potomac R	
Phila Pa	8/6/79	capacitor	PCB - 10 gal	none	Contamin- ated soil.
Bucks Co.,	8/1/79	Chemical	Cyanide	Little Neshaminy Ck	
Norristown PA	8/1/79	transformer	PCB - 100 gal	none	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Fredricksburg VA	8/2/79	chemical	foam	N. Anna R
Morgantown WV	8/3/79	cooling water system	amyl phosphate 20-40 lbs	Monongahela R
WV	8/8/79	chemical	Sodium Chloride 60000 lbs	Ohio R
Wood Co., WV	8/9/79	chemical	zinc chloride 885 lb	Ohio R
Marshall Co., WV	8/16/79	chemical + oil	PCB 2 gal	Ohio R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Allegheny Co., PA	9/19/79	tank truck fired upon	PCB 15 - 20 gal	none
Altoona PA	9/21/79	exploded capacitor	PCB	none
Clinton Co., PA	9/27/79	explosion	Hexane	unknown
Westmoreland Co., Pa	9/27/79	truck overfill	tertiary amines fluorocarbons	Spears Run
Bethesda MD	9/24/79	oil & chemical	PCB 100 - 200 gal	unknown
Baltimore MD	9/26/79	package fell	Nitric Acid 1 qt	n/a
Baltimore MD	9/26/79	truck accident	Methyl ethyl ketone 26 gal	n/a
Wicomico Co., MD	9/11/79	fault on trap	Diocetyl Phthalate Trichlorobenzene	None
Mifflin Co., PA	9/4/79	Chemical & Oil	PCB 1 gal	Storm Drain Kiskiacogoui R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Ravenswood WV	9/30/79	Chemical	Sodium Hydroxide	Ohio R
Portsmouth VA	9/14/79	wrong valve turned	chromic acid 15,000 gallons	Elizabeth R
Frankford Co., VA	10/30/79	transformer leak	PCB 1 - 3 gal	Cameron Run
Williamsburg VA	9/29/79	Chemical	Acrylonitrile 1000 gal	unknown
Lawrence PA	9/8/79	leak	Nitric acid 2000 gal	Big Run Chenango R
Montgomery Co., Pa	9/12/79	chemical	trichlorethylene 200 gal	unknown
Philadelphia PA	9/13/79	Chemical	detergent 3-55 gal drums	small strm
Penna	9/15/79	RR derailment	Phosphates	unknown
Montgomery Co., PA	9/18/79	Chemical	antifreeze	Wissahickon Ck

SUMMARY

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
318	5	323	<table><tr><td>Storage</td><td>20</td></tr><tr><td>Trucks</td><td>57</td></tr><tr><td>Rail</td><td>88</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>12</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>56</td></tr><tr><td>Waste Disposal</td><td>8</td></tr><tr><td>Treatment</td><td>12</td></tr><tr><td>Pipeline</td><td>3</td></tr><tr><td>Fire</td><td>10</td></tr><tr><td>Capacitor/ Transformer</td><td>28</td></tr><tr><td>Unknown</td><td>14</td></tr><tr><td>Miscellaneous*</td><td>15</td></tr><tr><td>TOTAL</td><td>323</td></tr></table>	Storage	20	Trucks	57	Rail	88	Aircraft	0	Ship/Barge	12	Manufacturing/ Industrial Fac.	56	Waste Disposal	8	Treatment	12	Pipeline	3	Fire	10	Capacitor/ Transformer	28	Unknown	14	Miscellaneous*	15	TOTAL	323
Storage	20																														
Trucks	57																														
Rail	88																														
Aircraft	0																														
Ship/Barge	12																														
Manufacturing/ Industrial Fac.	56																														
Waste Disposal	8																														
Treatment	12																														
Pipeline	3																														
Fire	10																														
Capacitor/ Transformer	28																														
Unknown	14																														
Miscellaneous*	15																														
TOTAL	323																														

* Vandalism (3), Chronic Leak (1), Flooding (5), Broken Sprinkler (1), Poor Packaging (1), Pesticide Spraying (3), Drilling (1).

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Fuller, SC	9/2	RR derailment	Chromic Acid & Formaldehyde (unknown amt.)	None
Blacksheer, GA	9/5	RR derailment	Ammonia Nitrate (unknown amt.)	None
Macon, GA	9/5	Tank explosion	Cresote (20 gal.)	None
Spring Hill, TN	9/6	Tank truck acci- dent	Toluene (500 gal.)	None
Adel, GA	9/7	Storage tank leak	28% Phosphoric Acid	Creek
Winchester, KY	9/8	RR derailment	Coal water (unknown amt.)	River
Decatur, AL	9/8	Deliberate dump	Dowtherm (1320 gal.)	River
Oakland Pk., FL	9/9	Vandalism	Phosphorous Tri- chloride	None
DeLand, FL	9/10	Fire	Nitri Acid & Liq. Polyester (21,500 gal.)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Memphis, TN	9/10	Fire	Benzene (1000 gal.)	Storm sewer & River
Picayune, MS	9/11	Airport dumping	Methyl Parathion (unknown amt.)	Ground
Greensboro, NC	9/11	Tanker truck leaking	Formaldehyde (270 gal.)	None
Brandon, FL	9/12	Capacitor explo- sion	Cholrextol (PCB) (4.5 gal.)	None
Hartsville, SC	9/14	Chronic problem at ?	Oil & chemicals (unknown amt.)	Creek
Greenville, SC	9/16	RR car leaking	Sodium Thiocya- nate (sm. amt.)	None
Collier- ville, TN	9/18	Vandalism at plant	Acetone; methyl methacrylate; diopylene glycol (tot. 21,000 gal.)	Tributary
Atlanta, GA	9/17	Line rupture	Xylene (600 gal.)	None
Mt. Airy, NC	9/21	Severe flooding	Oil, gas, propane & unk. chemicals (unk. amt.)	River

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Calvert City, KY	9/21	Lagoon overflow	Mercury chloride (unk. amt.)	River
Florence, AL	9/20	Break in dike wall of holding pond	Oil & chemicals (unk. amt.)	Creek
New Smyrna Beach, FL	9/24	Transformer leak	PCB (5 gal.)	None
Mt. Airy, NC	9/22	Flash flood	Various pesticides	Creek
Nashville, TN	9/25	Transfer line break	Sodium Dichromate (12,000 gal.)	Creek
Clarksville, TN	9/26	Sewer lift sta- tion overflowed	Wastewater (Zn, Cd, HNO ₄) (28,500 gal.)	River
Polk County, FL	9/29	Truck overturned	Sulfuric Acid (300 gal.)	None
Spartanburg, SC	9/25	Drum fell off truck	Waste antifreeze & oil (mineral) (50 gal.)	None
Moundville, AL	9/23	Lagoon overflow	Hydrocarbon resin (unk. amt.)	River
McIntosh, AL	9/24	Tank seam leak	N-Propylamine (unk. amt.)	None
Barfield, ARK	9/20	Barge collision	Ethyl Benzene (unk. amt.)	River

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bainbridge, GA	9/28	Malfunctioning valve	Anhydrous ammonia	Lake
Lake Wil- liams, FL	8/29	Truck collision	Acrylic resins Petro solvents Carbon disulfides (unk. amts.)	None
China Grove, NC	8/29	Truck overturned	Sodium Aluminate (100 gal.)	None
Louisville, KY	8/29	Broken valve on storage tank	Hydrochloric Acid (10,000 gal.)	Creek
Tampa, FL	8/28	Electrical capa- citor rupture	PCB (22.5 gal.)	None
Nicholas- ville, KY	8/28	Truck accident	2% Chlordane & Heptachlor mix- ture (200 gal.)	Creek
Guin, AL	8/27	Leaking valve	Toluene & Heptane (75 gal.)	Creek
Calvert City KY	8/27	Leak in supply line	Chlorine (1000 lbs.)	River
Cleveland, TN	8/24	Leakage from dome of tanker truck	Nitric acid (0 gals.)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Brewster, FL	8/17	Truck accident	Phosphoric Acid (unk. amt.)	None
Augusta, GA	8/16	Gasket failure on transformer	PCB (35 gal.)	None
Knoxville, TN	8/17	Malfunction of relief valve	Sulfuric Acid (unk. amt.)	Unknown
Chattanooga, TN	8/16	Tank collapsed	Liquid Alum (8,000 gal.)	River
Castle Hayne, NC	8/14	Truck accident	Sodium Bichromate (unk. amt.)	Creek
Louisville, KY	8/14	Lagoon wall fail- ure	Calcium Hydroxide (unk. amt.)	River
Stevens, KY	8/13	Loose valve on tank car	Acrylonitrile (less than 5 gal.)	None
Russell, KY	8/12	Leakage from loose cap on RR car	Isobutyl Acetate (unk. amt.)	None
Charlotte, NC	8/9	Leakage from valve on tank truck	Caustic soda (100 gal.)	None
Savannah, GA	Unk.	Truck overturned	Nitric acid (1000 gal.)	None
Kissimmee, FL	8/8	Tank seam fail- ure	Gas (8000 gal.)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Milledgeville, GA	8/6	Leaking trans- former	PCB (1 gal.)	None	Driver killed in accident.
Gay, GA	8/6	Train derailment	Phosphoric acid (8000 gal.)	None	
Memphis, TN	8/2	In-Plant accident	Hexachlorocyclo- dentadiene (less than 5 gal.)	None	
Tupelo, MS	8/2	Truck accident	Naptha (1000 gal.)	None	
Marshall, IL	8/1	Lagoon wall fail- ure	Wastewater (500,000 gal.) Containing: Hexachlorocyclo- pentadiene; octa- chlorocyclopenta- diene; chlordanes	River	
Chattanooga, TN	8/1	Truck accident	Sodium Aluminate (unk. amt.)	Creek	
Johnston, SC	8/23	Truck accident	LPG (unk. amt.)	Unknown	
Pensacola, FL	8/21	Tug aground	Unknown oil (unk. amt.)	Inter- coastal waterway	
Atlanta, GA	8/4	Box fell off baggage car	Radioactive medi- cal supplies	None	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Sheffield, TN	Unk.	Leakage from barge	H ₂ O from coal barge (unk. amt.)	River
Bainbridge, GA	7/1	RR car leak from dome	NH ₄ OH, anhydrous (unk. amt.)	None
Cosby, TN	7/1	Tank truck illeg- ally dumped ma- terial	Sodium aluminate	Unknown
Bhelps, KY	7/31	Water from wash down station at coal company	Water from washed down coal (300 gal.)	Creek
Jacksonville FL	7/17	Industrial dump- ing in river	Numerous mater- ials	Cedar, River
Kings Mtn., NC	7/9	Textile plant dumping	Red dye (unk. amt)	Creek
Tampa, FL	7/5	Truck accident	Mineral Spirits (30 gal.)	None

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Kainhoy, SC	7/7	Ruptured dike which retains equilization basin	Terephthalic & acidic acid (75,000 gal.)	River
Jackson- ville, FL	7/7	Ruptured capa- citor	PCB (unk. amt.)	None
Covington, KY	7/7	Faulty valve on tank car	Hydrofluosilk acid	Air
Jackson- ville, FL	7/6	Unknown	PCB (2 gal.)	None
Frankfurt, KY	7/2	Leaking container	Chemical waste sludge (100 gal.)	None
Memphis, TN	7/5	Chemical plant fire	Pesticides-herbi- cides (15,000 gal.)	Creek
Knoxville, TN	7/5	Tanker truck seam ruptured	Trichloroethane Methyl chloroform (1900 gal.)	None
Elizabeth- town, NC	7/2	Capacitor blew up	PCB (2 gal.)	None
St. Elmo, AL	7/21	Press. relief valve on RR tank car	Liq. Nitrogen va- pors (unk. amt.)	Air

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Lakeland, FL	7/20	RR car derailment	Phosphoric acid (4 gal.)	None
Russell, KY	7/18	Train (unk.)	Methylene Chloride (2 gal.)	None
Jasper, AL	7/18	Truck overturned	Pesticide (unk. amt.)	None
Ft. Meade, FL	7/9	Pipeline corrosion	Sulfuric Acid (unk. amt.)	Unknown
Montgomery, AL	7/15	Broken sprinkler	Ammonium Nitrate (unk. amt.)	River
Georgia Ports, State Docks	7/11	Ruptured drums	Toxaphene (220 gal.)	River
Jackson- ville, FL	7/11	Leak from capa- citor on telephone pole	PCB (5 gal.)	None
Vicksburg, MS	7/11	Barge MM10K overfilled	Naptha (10 gal.)	River
Augusta, GA	7/9	Ruptured dike	Black liquor (3.5 million gal.)	None
Bolivar, TN	7/9	Storage tank leak	Sulfuric Acid (1500 gal.)	River
Corbin, KY	7/9	RR car derailment	Ammonium Nitrate	None

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Powder Spgs. GA	7/31	In-plant process malfunction	Chlorine gas (unk. amt.)	Air
Savannah, GA	7/31	Truck accident	Nitric Acid (unk. amt.)	None
Chattanooga TN	7/30	RR car valve leak	Soybean residue (6,000 gal.)	Creek
Chattanooga TN	7/29	RR car valve leak	Unk. (latex?) (unk. amt.)	Creek
Ocoee, TN	7/29	RR car valve leak	Carbolic acid (10 gal.)	None
Sherman, MS	7/26	Truck overturned	Solvent - 150 (800 gal.) Wash thinner (800 gal.) Mineral spirits (unk. amt.)	None
Atlanta, GA	7/23	Material dis- charged to treat- ment plant	Class B Poison (made by Alpine Labs.) (unk. amt.)	River
Knoxville, TN	7/23	Truck-leaking drum	Acrylonitrile (200 lbs.)	None
Birmingham, AL	7/22	Hopper car derail- ment	Soda Ash (8,000 lbs.)	Ditch
Bumpus Cove Disposal Area, TN	7/21	17 unk. chemicals leaking from land- fill	Unknown	Molichucki

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Pensacola, FL	6/25	Capacitor malfunc- tion	PCB (5 gal.)	None
Knoxville, TN	6/11	Capacitor struck by lightning	PCB (3 gal.)	None
Charlotte, NC	6/29	Tank rupture	Muriatic Acid (9,000 gal.)	Creek
Bruceton, TN	6/28	Leak from dome of RR car	H ₂ SO ₄ (5 gal.)	None
San Atopia, MS	6/28	Unknown	Isotropecarbo- nate (unk. amt.)	None
Knoxville, TN	6/10	Capacitor struck by lightning	PCB (3 gal.)	None
Louisville, KY	6/21	Accident at load- ing dock	Styrene	None
Rock Hill, SC	6/26	Pump failure at lift stations	Wastewater (unk. amt.)	None
Copperhill, TN	6/26	Train derailment	H ₂ SO ₄ (unk. amt.)	None
Atlanta, GA	6/23	Leakage from dome lid on RR car	H ₂ SO ₄ (unk. amt.)	None
Louisville, KY	6/20	Tank storage overflow	Styrene (3400 gal.)	River

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Jacksonville, FL	6/7	Capacitor explosion	PCB (1 gal.)	None
Bay Minette, AL	5/30	Leak in seam of tank truck	Styrene (10 gal.)	None
Port Gibson, MS	5/31	Leaking seal of transformer	PCB (1/4 gal.)	None
Cincinnati, OH	6/1	Leaking barge	Hexane (50 gal.)	River
Jacksonville, FL	6/1	Capacitor explosion	PCB (1½ gal.)	None
Pensacola, FL	6/4	Capacitor explosion	PCB (1½ gal.)	None
Greenwood, SC	6/5	Dome on RR car leaking	H ₂ SO ₄ (unk. amt.)	None
Jacksonville, FL	Unk.	Unknown	PCB (2 gal.)	None
Ft. Oglethorpe, GA	5/9	Hose rupture	Latex	Creek

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Brunswick, GA	6/6	Leaking vapor from dome of RR car	Chlorine Gas (unk. amt.)	None	Considered air prob- lem.
Jackson- ville, FL	6/7	Pesticide plant fire	Pesticide	Creek	
Morristown, TN	6/7	Unknown	#2 Diesel	None	
Tows, KY	6/9	Derailment	Perchloroethylene (1000 gal.)	None	
Staley, NC	6/13	Truck overturned	Naptha (4200 gal.)	None	
Jackson- ville, FL	6/15	Unknown	Dipentene (20,000 gal.)	Ditch	
Knoxville, TN	6/15	Leaking capacitor	PCB (less than 3 gal.)	None	
Barnwell, SC	6/15	Leaking inner con- tainer	Radioactive Dust (unk. amt.)	None	
Memphis, TN	6/17	Leaking container	Muriatic Acid (55 gal.)	None	
Newberry, SC	6/18	Truck accident	Radioactive Waste (unk. amt.)	None	

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Columbia, SC	5/30	Gasket failure	Maleic Anhydride (200 gal.)	Creek
Pt. Gibson, MS	5/31	Leaking seal on transformer	PCB (1 gal.)	None
Salisbury, NC	5/29	Storage tank over- flow	H ₂ SO ₄ & oil (200 gal.)	Creek
Nashville, KY	5/27	Train derailment	Phosphoric Acid	None
Rock Hill, SC	5/22	Fire	Paint thinner & ethelyn glycol (1000 gal.)	Creek
Rock Hill, SC	5/22	Truck accident	KOH Sodium Hydrosul- fide Na ₂ SO ₃ (4000 gal.)	Creek
Twiggs Co., GA	5/17	Train-Truck collision	Sevin (10 gal.)	None
Knoxville, TN	5/19	Well explosion	Natural gas (unk. amt.)	None

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Maino, FL	5/18	Leakage from RR car	Ammonia (unk. amt.)	None	
Charlotte, NC	5/16	Illegal dump	Dye waste, paint, acetone, toluene (unk. amt.)	None	
Oakhill, AL	5/15	Truck accident	DDT Waste, Heptachlor, Organophosphates (unk. amt.)	None	
Chattanooga, TN	5/13	Valve leakage	Sodium Hydroxide (3000 gal.)	None	
Wilmington, NC	5/12	Truck accident	H ₂ SO ₄ (40 gal.)	None	
Knoxville, TN	5/8	Crack in truck tank	Dimethyl formamide (unk. amt.)	None	
Trenton, SC	5/8	Truck accident	Sulfuric Acid (15 gal.)	None	
Ft. Walton, Beach, FL	5/8	Leaking Cl ₂ cylinder	Chlorine (unk. amt.)	None	
Bartlett, TN	5/7	Drum explosion	Sodium Peroxide (30 gal.)	None	Caretaker burned in explosion.

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Summerville SC	5/6	Leaking capacitor	PCB (unk. amt.)	None
Cape Ger- ardo, MO	5/6	Barge hit bridge	Diesel fuel (84,000 gal.)	River
Knoxville, TN	5/5	Leaking valve	Acetone (500 gal.)	River
Antioch, TN	5/4	Flooding	Oil-Water coolant Water soluble dye waste Neutralized acids (unk. amts.)	Creek
Paris, TN	5/2	Poor packaging, leak	Hydrochloric acid (12 oz.)	None
Chattanooga, TN	5/2	Unknown	Xylene (60 gal.)	River
Florida	3/22	Culvert collapsed	Dry bulk fertil- izer (10,000 lbs.)	None
Bryson City NC	4/30	Truck accident	H ₂ SO ₄ (3,000 gal.)	River & Lake
Stevenson, AL	4/13	Storage tank overflow	Black liquor (200 gal.)	River

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Lenoie, NC	4/16	Illegal dumping	Paint cans (unk. amt.)	None
Jefferson- ville, IN	4/4	Unknown	White foam (unk. amt.)	River
Florence, MS	4/24	Broken pipeline	H ₂ SO ₄ (1000 gal.)	Sanitary Sewer
Louisville, KY	4/3	Truck accident	Butylene oxide (450 gal.)	River
Chattanooga, TN	4/4	Unknown	Latex Water (unk. amt.)	Branch
Hamlett, NC	4/7	Derailment	Phosphoric Acid	None
Hollandale, MS	4/10	Valve malfunction	98% Sulfuric acid (3000 gal.)	Ditch
Athens, GA	4/10	Truck accident	Malathion (1 qt. mixed with 80 gal. H ₂ O)	Dry ditch
Nashville, TN	4/13	Truck accident	Chlordane solu- tion (250 gal.)	Ditch
Chevy, FL	4/17	Capacitor explo- ded	PCB (5 gal.)	None

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Calvert City, KY	4/18	Line rupture	Depleted brine solution	River
Greenville, MS	Unk.	Flooding	Cotton Poison Methyl Parathion (unk. amt.)	Lake
Waycross, GA	4/19	Piggy Back Trail- ers leaking	Sodium Cyanide (unk. amt.)	None
Cullman, AL	4/19	Tank car leak	Chlorine (unk. amt.)	None
Bryton, AL	4/24	Derailment	H ₂ SO ₄ (unk. amt.)	None
Guthrie, KY	4/24	Overloaded RR car under bridge	Liquid Nitrogen (unk. amt.)	None
Ft. Lone- some, FL	4/9	Capacitor failure	PCB (3 gal.)	None
Winter- haven, FL	4/2	Capacitor failure	PCB (10 gal.)	None
Pulsto, FL	4/18	Truck accident	Fertilizer (8000 lbs.)	None
Edjouett, KY	4/18	Derailment	NH ₃ NO ₃ (4000 lbs.)	Creek

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Whiteville, TN	2/13	Truck accident	Methanol (8000 gal.)	None	
Dothan, AL	4/26	Tank failure	H ₂ SO ₄ (3500 gal.)	Creek	
Brentwood, TN	4/28	Derailment	Phosphoric Acid (200 gal.)	None	
Columbus, GA	4/25	Truck Accident	Toluene (747 gal.)	None	
Wiggins, MS	4/29	Derailment	Molten Sulfur (13,000 gal.)	Creek	
Anderson, SC	4/30	Drum leak	Ethyl Hexanol (55 gal.)	None	
Hardin Co., KY	4/30	Derailment	Chloroprene (unk. amt.)	None	
Swain Co., NC	4/30	Truck Accident	H ₂ SO ₄ (3000 gal.)	River & Lake	
Lovely, KY	3/28	Leak thru gate of surge pond	Black Water (unk. amt.)	Creek	
Lillington, NC	3/28	Truck accident	Toxaphene (1 gal.)	None	
Morrow, GA	3/26	Personal error	"Biobor" - Herbicide (40 gal)	None	
Pike Co., KY	3/17	Deliberate dump	"Wynoon" - Bio- Degradeable deter- gent (250 gal.)	Creek	Fish Kill.

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Manchester, GA	2/28	Overflow leak from tank car	Pulp mill Black Liquor (5 gal.)	None
Skyland, NC	3/20	Sloppy House- keeping	Trimsol (Mineral oil & chlorinated wax) (30 gal.)	Lake
Birmingham, AL	3/12	Truck accident	Aqua Ammonia (50 gal.)	None
Louisville, KY	3/8	Tank car rupture	Denatured alcohol (100 gal.)	None
Weaverville, NC	3/6	Flooding	Xylene (935 gal.)	River
Birmingham, AL	3/8	Leak from tank car	Coal tar naptha (100 gal.)	None
Old Fort, NC	3/8	Truck accident	Phosphoric Acid (4000 gal.)	None
Johnville, SC	3/5	Tank leak	Sulfuric acid (3,000 gal.)	None
Pascagoula, MS	3/5	Pipeline rupture	Benzene (1000 gal)	Bayou

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Silver Grove, KY	3/3	Leak from RR car dome	Pulp Mill Black Liquor (minimal)	None
Louisville, KY	3/1	Leak at storage facility	Neoprene emulsion Chloroprene (1600 gal.)	River
Ft. Knox, KY	2/27	Tank car leak	Methyl isobutyl ketone (400 gal.)	Storm sewer
Memphis, TN	2/27	Hose rupture	Nitrogen potash Herbicide 2,4 D (80 gal.)	Creek
Covington, KY	2/26	Puncture of tank car	Propylene glycol (12,000 gal.)	River
Choctaw, AL	2/26	Dome leak on RR car	NaOH (minor spill)	None
Carrolton, KY	2/24	Truck accident	CrHO ₃ (2108 gal.) Liquid ink (6070 gal.) Detergent (4000 gal.)	Creek

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Decatur, AL	2/25	Leaking barge	Paraxylene (100 gal.)	River
Asheville, NC	2/21	Tank overflow	Lacquer (800 gal.)	River
Manning, SC	2/?	Valve failure	Acetylchloride (unk. amt.)	None
Dade City, FL	2/16	Truck accident	Toxaphene (42,400 lbs.)	None
Montgomery, AL	2/14	Faulty dome lid	Diisobutylene (unk. amt.)	None
Whiteville, TN	2/13	Truck accident	Methanol (5000 gal.)	Dry ditch
Huntsville, AL	2/13	Tank car valve leaking	Acetone (unk. amt.)	None
Fletcher, NC	2/13	Hose rupture	Caustic soda (50 gal.)	None
Mobile, AL	2/7	RR car dome leak	Sulfuric acid (1 gal)	None
Milton, FL	2/7	Capacitor	PCB (2 gal.)	None
Cuba, AL	2/6	Unk.	Atraziane Calcium carbonate (10 gal.)	None

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Clarks- ville, TN	Unk.	Vandalism	Cadmium & Zinc sulfate solution (4500 gal.)	River	
Opp, AL	2/5	Truck accident	Urea formalde- hyde resin (600 gal.)	Creek	
Atlanta, GA	2/2	Unknown	Radioactive sand (unknown amt.)	None	
Wachula, FL	2/2	Capacitor explo- sion	PCB (1/2 gal.)	None	
Muscle Shoals, AL	1/23	Hose rupture	40% phosphoric acid (6000 gal.)	Creek	
St. Elmo, AL	1/28	Valve leak	Isopropyl acetate (minimal amt.)	None	
Tuscaloosa, AL	1/22	Tank overflow	Sulfur mercaptans (800 gal.)	River	
Bay Minette AL	1/26	Drum rupture	Cyanuric chloride (1100 gal.)	None	People in area exper. shortness of breath.
Sanders- ville, GA	1/23	Tank failure	30% nitrogen solu- tion (100,000 lbs)	Ditch	
Brandenburg KY	1/23	Truck accident	Ethylene glycol (2500 gal.)	None	
Bayou Cas- cade, MS	1/22	Leaking valve on RR car	Naptha (unk. amt.)	None	

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N. Augusta, GA	1/17	Capacitor explo- sion	PCB (1.5 gal.)	None
Theodore, AL	1/15	Plant explosion	Hydrogen cyanide gas (unk. amt.)	Air
Beauford, SC	1/16	Tank fire	Acrylonitrile	Unknown
Fayette- ville, TN	1/12	Filter malfunction	Methyl isobutyl ketone, lead (unk. amt.)	River
Knoxville, TN	1/12	Capacitor explo- sion	PCB (3 gal.)	None
Memphis, TN	1/14	Tank car leak	Styrene (minimal amt.)	None
Lake Worth, FL	1/2	Capacitor explo- sion	PCB (3 gal.)	None
Wilmington, NC	1/10	Derailment	Ammonium Nitrate (200 lbs.) Nitrogen fertil- izer solution (0 gal.)	Coastal Waters
Hanson, KY	1/7	Derailment	Phosphate fertil- izer (unk. amt.)	None
Miami, FL	1/8	Valve failure	Acetone (unk. amt)	None
Jackson- ville, FL	1/4	Sight glass bro- ken on storage vault	PCB (30 gal)	None

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Boykin, FL	1/3	Derailment	Chlorine gas (unk. amt.)	Air
Maytown, FL	1/4	Truck accident	Methylene chloride (3500 gal.)	None
Tucker, GA	1/4	Broken sewer line	Wash Water (unk. amt.)	Creek
Pensacola, FL	1/2	Capacitor explo- sion	PCB (1.1 gal.)	None
Lexington, KY	12/1	Train derailment	Super Phosphoric Acid (unk. amt.) Phosphate fert. (unk. amt.)	Lake
Gulfport, MS	12/1	Tank top deteri- orated	Hydrochloric acid (1500 gal.)	Gulf
Cleveland, MS	12/5	Equipment malfunc- tion on truck	Sulfuric Acid (2,000 gal.)	None
Muscle Shoals, AL	12/6	Faulty hose on tank car	Sulfuric Acid (2,000 gal.)	None
Lexington, NC	12/1	Train derailment	Phosphoric Acid (2,500 gal.)	None
Valparaiso, FL	12/8	Car hit trans- former	PCB (15 gal.)	None

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Hartsville, SC	12/5	Truck accident	Chlorodane (75%) (3 gal.)	Tributary
Florence, KY	12/6	Leak in truck trailer wall	MMA (100 gal.)	None
Baldwin, FL	12/7	Train car leak	Anhydrous ammonia (unk. amt.)	None
Atlanta, GA	12/7	Tank car leaking & burning	Liquid sulfur (unk. amt.)	None
Starke, FL	12/12	Unknown storage leak	LPG (unk. amt.)	None
Highcliff, TN	12/13	Train derailment	Sulfuric acid (26,000 gal.)	River
Louisville, KY	12/13	Deliberate dump	Hazardous material drums (numerous)	Stream
Ora, SC	12/13	Line broke on a chemical reactor	Propylene glycol (800 gal.)	None
Center, AL	12/14	Truck accident	Sewage sludge (14 tons) PCB contaminated less than 5000 ppm (140 lbs.)	Unknown
I-75 south of Bibb Co. GA	12/14	Truck accident	Ground phosphate rock (22 tons)	None

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Hazel Patch, KY	12/15	Train derailment	Ammonium Nitrate (100,000 lbs.)	None
Birmingham, AL	12/17	Tank car corrosion leak	Phosphoric acid Fertilizer solu- tion (300 gal.)	Creek
Charlotte, NC	12/17	Overfilled pond	Waste material (vinyl acetate) (2700 gal.)	None
Barnwell, SC	12/18	Truck trailer leak	Radioactive mater- ial (unk. amt.)	None
Pelham, AL	12/20	Truck accident	Sodium hydroxide (None)	None
Nashville, TN	12/23	Train tank car leak	LP gas	None
Atlanta, GA	12/21	Tank line mal- functioned	Isopropyl (200 gal.)	None
Neely, AL	12/26	Train derailment	LP gas (unk. amt.)	1,000 peo- ple evacu- ated
Belmont, KY	12/30	Train derailment	Yellow phosphorus (unk. amt.)	None
Owassa, AL	11/30	Train derailment	Hexamethylendia- mine	None

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Appalachia, TN	11/27	Train derailment	H ₂ SO ₄ (10,000 g)	Water	Fish Kill
Memphis, TN	11/30	Train derailment	HF, Chloroprene (minimal)	None	
Kerney, SC	11/30	Train/truck acci- dent	Acetic acid (unk. amt.)	None	
Clarkson, KY	11/29	Train derailment	Chloroprene (None)	None	
Homestead, FL	11/29	Spraying	Potassium enda- thall (128 g)	Water	Fish Kill
Charlotte, NC	11/24	Unknown	Formaldehyde (20 g)	Water	
Nashville, TN	11/27	Industrial plant personnel error	Super phosphoric acid (10,000 lbs.)	Water	
Louisville, KY	11/10	Chemical plant leaking pipe	Ethyl acrylate (5 gal.)	None	
Waycross, GA	11/25	Train, leak in car	H ₂ SO ₄	None	
Nashville, TN	11/24	Train, car leak	Benzene	None	
Tunica, MS	11/22	Barge grounding	Hexane, acetone, MEK	Water	
Mobile, AL	11/23	Train, car leak	H ₂ SO ₄	None	

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Nashville, TN	11/22	Train, car leak	LPG	Air	Fish kill
Calvert, KY	11/21	Ind. plant, leak in pipeline	Brine (5000 g)	Water	
Swannanon, NC	11/18	Ind. plant, valve	Spent sulfuric acid (350 g)	Water	
Charleston, SC	11/16	Train, collision	Black liquor (1 gal.)	None	
Memphis, TN	11/15	Train, collision	Princett (herbi- cide)(6000 g)	Water	
Nashville, TN	11/16	Train, car leak	LPG	Air	
Nashville, TN	11/16	Train, car leak	LPG	Air	
Cobra, AL	11/16	Train derailment	Alcohol	None	
Datton, GA	11/15	Ind. plant, machine leak	PCB (½ gal.)	None	
Baldwin, FL	11/13	Train, car leak	Anhydrous ammonia	Air	
Mobile, AL	11/11	Train, car leak	Anhydrous ammonia	Air	
Louisville, KY	11/8	Ind. plant, unk.	Ferric sulfate & lime (5000 gal.)	Water	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bowling Green, KY	11/6	Train, car leak	Methyl alcohol	None	1 personnel injury.
Waycross, GA	11/5	Train, car leak	Phosphoric acid (10 gal.)	Land	
Savannah, GA	11/5	Train, car leak	Phosphorous tri- chloride	Air	
Charlotte, NC	11/3	Truck wreck	Mag. chloride so- lution (1000 g)	None	
Spartan- burg, SC	11/3	Ind. plant, personnel error	Tinting material (25 g)	Water	
Spartan- burg, SC	11/3	Unknown	Cotton tint (15 g)	Water	
Louisville, KY	11/2	STP, deliberate dump	Toluene (500,000 g)	Water	
Silver Grave, KY	10/1	Hole in tank car	Caustic potash (16,000 gal.)	None	
Columbia, TN	9/30	Dike broke at ind. plant	Phosphate waste (unk. amt.)	Stream	
Decatur, AL	9/30	Fire in plant	Acrylic polymer - inert (unk. amt.)	River	
Kennisaw, GA	10/1	Train derailment	Butadiene (unk. amt.)	None	

REGION IV

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
McFarland, TN	10/1	Train derailment	Sulfuric acid (unk. amt.)	None	Birds & fish killed.
St. August- tine, FL	9/29	Overspray of pesticides	Pesticide (unk. amt.)	Pond	
Latta, SC	10/2	Train derailment	Ethyl nitrate acid Creasole Coaltar (unk. amt.)	Inlet	
Bruceton, TN	10/3	Train car leak	Acetic acid (unk. amt.)	None	
Cowan, TN	10/3	Train derailment	Butadiene Styrene monomer	None	
Durham, NC	10/4	Train derailment	Liquid nitrogen fertilizer	None	
Greenwood, SC	10/4	Train car leak	Methanol (unk. amt.)	None	
Nashville, TN	10/15	Truck accident	Isocyanate (20 gal.) Polyol (unk. amt.)	None	
Columbus, GA	10/5	Tank leak at ind. plant	Caustic soda (50 gal.)	River	
Grantville, GA	10/6	Fire in train car	Potassium nitrate (unk. amt.)	None	

REGION IV

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Cordelle, GA	10/7	Train derailment	Methylalcohol (unk. amt.)	None
Atlanta, GA	10/7	Equipment failure	Sulfuric acid (50 gal.)	None
Preston, KY	10/8	Train derailment	LPG (unk. amt.) Unknown acid (unk. amt.)	None
Smithland, KY	10/8	Barge grounded	Camene (unk. amt.)	River
Savannah, GA	10/9	Valve left open on truck	Sulfuric Acid (300 gal.)	None
Elizabeth- ton, TN	10/9	Fire in trans- former	PCB (15 gal.)	None
Bruceton, TN	10/10	Equipment failure on tank car	Hexachlorocyclo- pentadiene (unk. amt.)	None
Fulco Junc- tion, GA	10/10	Equipment failure	Hexane (unk. amt.)	None
Milledge- ville, GA	10/16	Equipment leak	PCB (3 gal.)	None
Baldwin, FL	10/17	Tank car leak	Anhydrous ammonia (unk. amt.)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Louisville, KY	10/19	Tank leak on barge	Xylene (11 gal.)	River	
Russell- ville, SC	10/21	Equipment failure at ind. plant	Phenolic resin (2,000 gal.)	Tributary	
Memphis, TN	10/24	PVC line neutral- ized	Dilute sulfuric acid (Ph 3) (50 gal.)	River	
Kentucky	10/26	Pipe rupture	Butylalcohol (5,000 gal.)	None	
Branden- burg, KY	10/26	Fire	Butylalcohol (5,000 gal.)	None	
Louisville, KY	10/30	Unk. cause of leak in train tank car	Naphtha (7 gal.)	None	
Floral City FL	10/30	Unknown	Herbicide (unk. amt.)	None	Several live- stock killed; 2 residents affected.

SUMMARY

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
270	10	280	<table><tr><td>Storage</td><td>35</td></tr><tr><td>Trucks</td><td>27</td></tr><tr><td>Rail</td><td>78</td></tr><tr><td>Aircraft</td><td>1</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>31</td></tr><tr><td>Waste Disposal</td><td>6</td></tr><tr><td>Treatment</td><td>4</td></tr><tr><td>Pipeline</td><td>12</td></tr><tr><td>Fire</td><td>5</td></tr><tr><td>Capacitor/ Transformer</td><td>39</td></tr><tr><td>Unknown</td><td>32</td></tr><tr><td>Miscellaneous*</td><td>9</td></tr><tr><td>TOTAL</td><td>280</td></tr></table>	Storage	35	Trucks	27	Rail	78	Aircraft	1	Ship/Barge	1	Manufacturing/ Industrial Fac.	31	Waste Disposal	6	Treatment	4	Pipeline	12	Fire	5	Capacitor/ Transformer	39	Unknown	32	Miscellaneous*	9	TOTAL	280
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* Flooding (1), Corrosion (1), Vandalism (1), Well Rupture (2),
Herbicide Spraying (3), Dust Control Spraying (1).

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
RTA, Southpt OH	10/1/78	Heavy rain	Ammonia N ₂ sol	Water	Discharge into Ohio River.
N. HammondIN	10/1/78	Fire/Explosion	Chlorine methanol	Air	Fire/explo- sion evacu- ation.
Washington Ave. SaginawMI	10/4/78	Overflow bulk storage	Phenolic resin 15 gal	STP sewer	
MarquetteMI	10/8/78	Car derailment	Caustic soda	Land	
Youngstown OH	10/10/78	Leak transfer line	Sulfuric Acid(350)	Water/Land	
Tulsa OK	10/9/78	Corrosion	28%Ammonium Nitrate (5BBL)	Land	
Menomonee MN	10/11/78	Leaking container	Waste solvent (pint)	Land	
RiverdaleILL	10/11/78	Tank car leaking	Ketone(½ gal/min)	Land	
Bay City MN	10/16/78	RR car	Butyl diene	Air	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Elyria OH	10/18/78	Hose blew off/ delivery truck	.475% diazenine (100 gal)	Land	
Peoria IND	10/19/78	Capciator rupture	PCB	Land	
Mt.Vernon IND	10/24/78	Derailment	Phenol	Land	
Eminence IND	10/25/78	Pipeline leak	Ammonium Nitrate area 28% sol	Land	Repair line.
Vargo MN	10/26/78	Derailment	Anhydrous Ammonia	None	No leakage.
Sangama Jct ILL	10/28/78	Derailment 2 cars	Alcohol	None	No leakage.
Centralia ILL	10/29/78	Tapk car/derailment	Naphta (3 gal,min)	Water/Land	Unk. water source.
Lawrenceville ILL	10/11/78	Car rupture valve left open	Butadiene	Air	
Ann Arbor MI	10/30/78	Tractor trailer crash	Primary Amyl alco. 11,730 lbs	Land	1 death due to crash.

REGION V

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Mansfield OH	11/1/78	Pickling factory drain breakage	Sulfuric acid (10,000 gal)	Water/Land	Neutralize w/ lime (Rocky Fork Cr.).
Clay Ct IL	11/2/78	Pipeline leak	Ammonium Nitrate and Urea(210gal)	Land	
ClevelandOH	11/2/78	Drum leaking	Toluene,Xylen(55yd)	Land	
Bryer OH	11/8/78	Tank rupture	Hydrochloric acid (1000 gal)	Land	
Morgan IND	11/9/78	Pipeline leak	28% nitrogen fert sol (630 gal)	Land	Clean pipe- line to re- cover 420 gal
Lafayette IN	11/9/78	Valve on RR tank car	Corrosive hydro molassas (35 gal)	Water/Land	Wabash River
Niles IND.	11/10/78	Capacitor explos	PCB (6 gal)	Land	
New Albany IND	11/10/78	Holding tank leak	Paint/Paint Thinner	Water	Falling Riv.
WoodridgeIL	11/14/78	Fell off truck	HCl (2 gal)	Land	

REGION V

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Benton Harbor MI	11/13/78	Capacitor rupture	PCB (295 gal)	Land	OK Creek thru ground water.
Peoria IL	11/15/78	Capacitor leak	PCB	Land	
Hamilton OH	11/16/78	Flush into storm sewer	Methanol (1700gal)	Water	Greater Miami River.
Portage WI	11/20/78	Derailment	Urea	Land	
E. Troy WI	11/20/78	Process Tank Leak	Nitric, Hydroflur. acid (3 gal)	Land	
Ciril OH	11/28/78	Unk	Acid sol(mix)	Water	Mill Creek neutral.
Russell IL	11/28/78	Derailment	NaOH	Land	
Columbus OH	12/1/78	Truck loading at Cooper Jarret	Stannic Chloride 600 lbs	Land	

REGION V

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Massillon OH	12/5/78	Valve on truck left open	Sulfuric acid (100 gal)	Land/Water	Wet More Creek
Menominee WI	12/4/78	Unk	Liquid sulfur (small amt)	Land	
Smithsboro ILL	12/5/78	Capacitor blowup	PCB (2 gal)	Land	Fire/Explosion
Fridley MN FMC Corp	12/7/78	Explosion in storage tank	Foundry core compound (2000-3000 gal)	Land	
Blandford Jct. IND	12/7/78	Derailment	Phosphate fertil	Land	
Westland MI	12/10/78	Open drain vandalism skating ring	Tetrahydro Furan	Water/Land	Stillwater Crk., Tuscarawas Riv.

REGION V

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Urichsville OH	12/15/78	Derailment	Tetrahydro Furan	Water	
General Tire Mt. Vernon ILL	12/16/78	Unk	Acid	Water	Rend Lake Ford Motor Co.
Lester, IND	12/17/78	Diverted coolant into street	Coolant	Water	Diverted to STP
Hamlet, IND	12/18/78	Derailment	Acetic Anhydride	Water/Land Air	Evacuation
St. Paul MN	12/21/78	Container broken	Radiation (Gamma)	Air	
Lansing MI	12/20/78	Truck accident	Chromic acid flakes (1050 gal)	Land	
Lincoln ILL	12/21/78	Rupture capacitor	PCB (1.5. gal)	Land	
Monsanto Trenton MI	12/22/78	Hose rupture	Sodium Aluminate (500 gal)	Land	
Morgan IND	12/27/78	Pipeline rupture	28% N_2 fert sol	Land/Water	Light fish kill.

REGION V

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OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

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Flint MI	12/30/78	Tank leak	LPG	Air	
Sheffield IL	12/26/78	55 gal drum fell off truck	Waste solvent Naphthelene, Alco- hol, Acetone	Land/Air	
St.Clairs- ville OH	1/8/79	Tank truck leak	HCl (40,000 lbs)	Water/Land	
Rolling Prairie IN	1/5/79	Tank truck leak	Sulfuric acid	Land	
Granville WI	1/7/79	Derailment	HCl	Land	Menoninee River
Minn. MN	1/6/79	Unk	Airex, Atrazine Herbicides	Land	Fire
E. St. Louis IL	1/8/79	Derailment	LP gas	Air	No leakage.

REGION V

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Morris MN	1/9/79	Cap came off transformer while being loaded	PCB (39 gal)	Land	
Massilon OH	1/11/79	Valve left open on truck	Sulfuric acid(500g)	Land/Water	Westmore Creek
Oxford OH	1/11/79	Bleeding line	Cyanide (1.1PPM 25,000 gal)	Water	Elam's Run
Gera MI	1/11/79	Derailment	LPG	Air	Not leaking
Warren OH	1/11/79	Underground line seal	3% Hcl (25 gal/min)	Water	Mohoning River
Walker MI	1/12/79	Vapor From Dome	Trimethylamine	Air	
Nelson Chem Detroit MI	1/12/79	Truck	Cyanide(20,000)	Water	In sewer system
Cincinnati	1/12/79	Unk	Sulfide Trimercaptan ester (2000 gal)	Water	Sewer system.
Oxford OH	1/15/79	Unk	Cyanide(5000 gal)	Water	Elam Run

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Avon Ind	1/20/79	55 gal drum leak	Oxychloride	Land	
CalumetCity ILL	1/26/79	Transformer crack	PCB	Land	
Kellogg ILL	1/29/79	Derailment	Vinyl chloride	Air	
Clay, IND	1/29/79	Pipeline leak	Ammonium Nitrate 28% (1260 Gal)	Water	Jordan Crk.
Hazelcrest ILL	1/31/79	Internal Casing failure	KOH (7000)	Land	Dug up area
Nokomis ILL	1/31/79	Derailment hitting tank	Liquid fertilizer 41%N (2000 gal)	Land	
LincolnILL	2/2/79	Derailment	Toluene-ethylene	Land	
Lawrenceville ILL	2/3/79	Tank car leaking	Butane	Air	
Bucyrus OH	2/5/79	Capacitor rupture	PCB (1 pt)	Land	

REGION V

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St. Paul MN	2/4/79	Key Puncture	Carbolic Acid(15g)	Land	
HamiltonOH	2/6/79	Hose broke while unloading	Resin like compnd (20gal)	Water	Great Miami River
Green BayWI	2/6/79	Pipe leak	NaOH (45 gal)	Water/Land	Fox River
Broaten MN	2/9/79	Derailment	Butane	None	Not leaking.
Latham Park ILL	2/10/79	Derailment	Propane	None	Didn't leak.
Bedford Park ILL	2/10/79	Derailment	Phosphorous Pentasulfide	Land	
Indianapolis IND	2/13/79	Truck overturned	Sodium Cyanide(4oz)	Land	
South Haven MI	2/12/79	3-55 gal drums	Phenol	Land/Water	Tributary to Black River.
Charleston MI	2/12/79	Unk	Dichloroethane Dichloropropane Chloroform	Water	Kanawha Riv.

REGION V

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Fostoria OH	2/14/79	Leakage from storage tank	Ethylene glycol (1 cup)	Land	Tuscarawas River.
Dover OH	2/14/79	storage tank leak	Butanol (16,000)	Water	
Peoria ILL	2/14/79	Capacitor rupture	PCB (2 gal)	Land	
Gardner Twp ILL	2/15/79	Capacitor rupture	PCB (2 gal)	Land	
N.Vernon IN	2/16/79	Derailment	Ksilicote, IPA ZnCl	Land	Dug up.
Flint MI	2/19/79	Buick plant	Paint thinner (15 gal)	Water	
Troy MI	2/15/79	Split hose	Plasticizer (50gal)	Water	Flint River.
Waldo, OH	2/20/79	Capacitor rupture	PCB (1 gal)	Land	
Toledo OH	2/8/79	Leaky RR car valve	Ethyl acetate (20gal)	Land	Flush into storm sewer.

REGION V

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Carrollton OH	2/21/79	Capacitor rupture	PCB (1.5 gal)	Land	Creek
Ashland OH	2/22/79	Lagoon overflow	Liquid Latex 420 ga	Water	
Hazelcrest ILL	2/9/79	Tank car leak	Herbicide (16,000)	Water	
Ft. Wayne IN	2/23/79	Faulty valve	LPG	Air	1-3 month degradation.
Livonia MI	2/24/79	Leaking drain	PCB (550 gal)	Land	Rock Creek.
Cave in Rock ILL	2/25/79	Well rupture	Fluospar (2000 gal)	Water	
Columbus OH	2/26/79	Dropped container	Michrodican (20g)	Land	
Flint MI	2/28/79	Unk	Paint thinner (30 gal)	Water	Flint River.
Wabash IN	3/1/79	Unk	Toluene (10 gal)	Water	3 families evacuated.
Troy, MI	3/2/79	Storage Tank Leak	HF (200 gal)	Land/Air	

REGION V

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Peoria ILL	3/2/79	Capacitor rupture	PCB 92 gal)	Land	Splash on person. Killed hogs, cows sick.
Detroit MI	3/3/79	Unk	Hydorgen Peroxide	None	
Mt. VernonO	3/1/79	Unk	Peroxide Phosphate	Water	
FostoriaOH	3/4/79	Tank car leaking	Benzene	Land	
Chicago IL	3/5/79	Lost in transit	Sodium Dichromate (8063 gal)	Unk	
Detroit MI	3/7/79	Tank car leaking	Morpholine	Air	
Bridgeview ILL	3/9/79	Tank overflow	Toluene (5000 lbs)	Land	
Chicago IL	3/11/79	Tank car leak	Toluene (4 gal)	Land	
Bay City MI	3/17/79	Break in transfer pipe	Copper Cyanide	Land	

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McCleansboro ILL	3/19/79	Pipe Rupture	Fertilizer sol 28% N (18,000)	Water	Bear Creek.
Carbondale ILL	3/20/79	Truck accident	4lbs 2-4D, 64 lbs of Dactol, 20 lbs area, 67 lbs potash	Water	Big Muddy River.
Mt. Olive ILL	3/20/79	Derailment	Propane	None	No spillage.
Hamilton OH	3/20/79	Valve Leak on Tank Car	Propane	Air	Evacuated a small plane.
Cleveland OH	3/23/79	Truck accident	Tluircol (1500 gal)	Land	
Ft. Wayne IN	3/23/79	Storage Tank overflow	Xylol	Water	Harvester Ditch.
Elmdale MI	3/25/79	Derailment	Chlorine	Air	
Savannah IL	3/26/79	Derailment	Xylene	Land	

REGION V

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Cicero IL	3/27/79	Derailment	Potash	Land	Cars were empty when derailed. OH Materials to cleanup Elm Creek.
E.Wayne IN	3/29/79	Tank car leaking	Thronyl chloride (lqt)	Land	
LivernoisMI	3/29/79	Transformer leak for past few months	PCB	Land	
Porter IN	3/31/79	Derailment	Propylene oxide ethylene oxide (minute am't)	None	
Columbus OH	3/30/79	Tank overflow	General spirit 66(1000 gal)	Water	
Detroit MI	4/2/79	Transformer	PCB (6 gal)	Land	
VirginiaMN	4/4/79	Electrical cutoff station	PCB	Land	
LaSalleIL	4/9/79	Spill in carus chem. plant	Potassium Permanganate sol. & other wastes (300 gal)	Water/Sewer System	

REGION V

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Rock Cut OH	4/11/79	Leaking tank car	Waste/sulfur chlor.	Air/Land	
Archibold OH	4/11/79	Derailment	50% water, 50% polyvinyl acetate	Land	
Atlanta IL	4/11/79	Derailment*drums leaking	Para nitro aniline (35 drums)	Land	
Hamilton OH	4/16/79	Impoundment Dike Broke	Weak allum. sol. (100,000 gal)	Land	
Baraboo WI	4/16/79	Leak in tank	Oleum (500 gal)	Land	
Warren IN	4/17/79	Valve off storage tank	10% N, 34% P, fertl. (10,000)	Water	STP
Bloomington IND	4/21/79	Fire	Fert & Pestic.	Storm Sewer	

REGION V

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Dayton OH	4/28/79	Tank car leak	Pelorganic 1 gal	Land	Sand Creek.
Greensburg IN	4/26/79	Tank leaking	Liquid fert. 28% N (16,000)	Water	
Riverdale ILL	5/1/79	Tank car leaking	Ethylene glycol (1 gal)	Land	
KalkaskaCo. MICH.	5/1/79	Truck dump	Brine-unk	L. Placid	
Dearborn Hts, MICH	5/2/79	Unk discharge	Unk green color	trib to Rogue R.	
WyandotteMI	5/3/79	Discharge	50%NaOH-800 gal	Trenton chan., Detr. River	
Detroit MI	5/3/79	Unk	Sulfuric acid 4500 gal	Sewer	
HamiltonOH	5/6/79	Venting	Butylene Unk	Air	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Chillicothe OH	5/6/79	Dome leak	Isoprene-unk	Land	On-going discharge.
Monroe OH	5/6/79	Pumping spill	Pickling acid (17,000 gal)	Unnamed cr.	
Ft. Wayne IND	5/7/79	Waste discharge	Fertilizer	Unname pond	
Silvis ILL	5/8/79	Train derailment	Alcohol unk	Land	
Fostoria OH	5/9/79	Train derailment	Dydrochloric Acid Unk	Land	
NewtonFalls OH	5/9/79	Train derailment	Trimethyl ammonium 5700 gal	Land	
PontiacMICH	5/9/79	Plant spill	Cyanide unk	Clinton Riv	
Bensenville ILL	5/10/79	Dome leak	Ank ammonia	Land	
2lmi N of Lima OH	5/12/79	Tank car leak	Acetaldehyde	Air	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Ypsilanti MI	5/14/79	Plant Leak	Chrome solu.	Huron River	
Isabella Co MI	5/14/79	Plant leak	Fert. (8-25-3) 1000 gal	S.br. Jordan Cr.	
Loveland OH	5/15/79	Open tank car valve	Petroleum naptha unk	Land	
Grand Rapids MICH	5/17/79	Plant fire	Planting chem.	Grand R.	Fish kill occurred.
Pearl MICH	5/18/79	Tank car derailment	Styrene-unk-acetone 150 gal	Drainage ditch	Black Riv. may have been affec- ted.
Green Springs OH	5/18/79	Plant leak	30% Ca carbonate 4000 gal	Indian CR	
Constantine OH	5/18/79	Plant discharge	Formaldehyde-unk	St. Joseph R.	
Allegan Co. MICH	5/21/79	Spraying Co. drain	B anvel (herbicide) unk	Minor Lake	Fish kill.
Wyoming MI	5/23/79	Unk	Phosphoric acid 1000 gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Warren MICH	5/29/79	Transformer break	PCB-5gal	Land	Poss. spill from right- ing opera- tion.
Lemont ILL	5/30/79	Tank truck leak	Benzene-none	Land	
SterlingMI	5/31/79	Unk	Yellow paint unk	MDNR park pond	
Lincoln Park MICH	5/31/79	Unk	Ethylene glycol Unk	Unnamed cr	
Washington ILL	6/1/79	Capacitor rupure	PCB-3 gal	Land	
DetroitMICH	6/3/79	Illegal dumping	Laquer thinner 55 gal	Land	
KingstonOH	6/4/79	Dome leak	Toluene-unk	Land	
LathamILL	6/6/79	Capacitor rupture	PCB-1.6.gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Ingleside ILL	6/11/79	Unk	Diethyl ether 110 gal	Land	Potential spill.
Sandusky OH	6/9/79	Transformer spill	PCB-1gal	Sewer	
Fairmont MIN	6/10/79	Unk	Fert. (7-21-7) 300ga	Land	
E. Lake OH	6/14/79	Unk	White fluid-unk	Water/Ditch	
Bartsville IND	6/14/79	Unk	Foam-unk	Muskrat Cr	Possibly re- lated fish kill.
E. Troy Wis	6/15/79	Plant spill	Nitric hydrofluoric acid 25 gal	Land	
3-7mi E of Pawnee ILL	6/19/79	Herbicide spray	Com Kill (40% arsen- ite) 27 gal conc	Sang Chris L	Cattle dying in area.
Naperville ILL	6/18/79	Truck accident	Radioactive beryllium 4.5 millicuries	Land	
Asa MICH	6/19/79	Unk	Foam	Grand River	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Portage L MICH	6/20/79	Leaking capacitor	PCB(possibly)unk	Portage Lake	Leak occurred over 1 month per.
PalvilleILL	6/20/79	Plant treatment by-pass	Foundry wastes 20 gal	Roadside ditch	
Armada MICH	6/21/79	Plant discharge	Mercury,phenol, methyl acetate 1 gal	N/ br/Clinton River	Fish kill.
St.Clairs- ville OH	6/21/79	Train derailment	Ammonia,propane unk	Land	
SunPrairie Wisc	6/22/79	Capacitor spill	PCB-2 gal	Land	
Newago,MICH	6/22/79	Train derailment	Chlorine	Air	
MidlandMICH	6/24/79	Plant spill	Calcium chloride 4000 lbs	Saginaw Rive	
3 mi S of Prariedu ChienWISC	6/26/79	RR bridge collapse	Unk 130 gal	Wisconsin River	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
TerreHaute IND	6/25/79	Transformer leak	PCB-2 gal	Land	PCB spilled on plant personnel.
Toledo OH	6/27/79	Transformer leak	PCB(possible)unk	Land	
S.Kankakee ILL	6/28/79	Transformer leak	PCB 1gal	Land	
Internation Falls, MINN	7/1/79	Transformer spill	PCB-unk	Land	
HamiltonOH	7/2/79	Tank car leak	Acrylonitrile unk	Land	
Near Beltville OH	7/2/79	Capacitor break	PCB-11.1 kg	Land	
Haverhill OH	7/3/79	Barge unloading	Alpha-methyl styrene 10 gal	Ohio River	
Granville IND	7/3/79	Capacitor break	PCB (possible) 0.2 gal	Land	
Swift Farm Center IND	7/3/79	Tank truck leak	Anh. ammonia- 500 gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Vermillion OH	7/7/79	Train derailment	Chlorine&NaOH unk	Land, poss VermillionR	
Grand Rapids MICH	7/9/79	Leaking railroad car	Propane-unk	Air	
AshtabulaOH	7/10/79	Plant spill	Latex unk	Fieldbrook CR	
Bourbonnais ILL	7/11/79	Tank truck spill	Xylene 2600 gal	None	
Avon IND	7/11/79	Tank car spill	Creosote 30,000gal	Pond	
S.DaytonOH	7/11/79	Pipe rupture	Phosphate ester- 350 gal	Great Miami River	
GraftonOH	7/12/79	Illegal dumping	Lurment unk	Land	
Ft. Wayne IND	7/12/79	Unk	Hydroxide paint remover 100 gal	Maumee River	
AlmontMICH	7/13/79	Pesticide spray	Unk	Pond and N Br.ClintonR	Fish kill in pond.
ChicagoILL	7/15/79	Dome leak	Class 3 flamm-unk	No	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
RiverdaleIL	7/15/79	Train car leak	NOS-20 gal	Land
WestlandMI	7/17/79	Tank truck leak	MIBK, DIBK, IBALC, ethylene glycol 60 gal	Land
S.BendIND	7/19/79	Tank car leak	Hydrochloric acid unk	Land
Northbrook ILL	7/20/79	Tank truck accid.	Ferti.-1000 gal	Land
DetroitMICH	7/20/79	Transformer leak	PCB-10 gal	Land
ColumbusOH	7/21/79	Tank break	Latex-4500 gal	Land
Harmington ILL	7/26/79	Truck leak	Phosphoric acid 10,000 gal	Land, poss Water
Toledo OH	7/23/79	Tank car spill	KOH-1800 gal	Land
ForestView, ILL	7/24/79	Factory emissions	Unk	Air

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
MunsterIND	7/28/79	Transformer leak	PCB-90gal	Land	
MenoshaWISC	7/30/79	Tank spill	Paper fiber-300gal	Fox River	
Groven,OH	7/30/79	Train derailment	HCN-unk	Land	
nearRossOH	7/30/79	Chemical wash	Unk	Great MiamiR	
Reed City, MICH	7/31/79	Unk	Aluminium anodizing waste unk	Seaman CR	
Erie ILL	7/31/79	Spray plane crash	Methyl parathion 140 gal	Land	
Cincinnati OH	8/1/79	Unk	2,4-D,dicamba	Land	
nearGaleILL	8/1/79	Train spill	LPG-unk	Air	
Gary IND	8/3/79	Truck leak	Sulfuric acid- 2 gal	Land	Driver spray- ed w/ acid.

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
near Van Wert OH	8/3/79	Capacitor break	PCB-2.7 gal	Land	Vapors only.
N.Canton OH	8/4/79	Capacitor break	PCB-1.5 gal	Land	
BattleCreek MICH	8/4/79	Plant spill	Green dye-unk	Kalamazoo R	
Melvindale MICH	8/4/79	Train car leak	Phosphorus Penta-sulfide-unk	Air	
Comneaut OH	8/5/79	Tank car leak	Toluene-unk	Land	
Canton OH	8/6/79	Capacitor break	PCB-2.7 gal	Land	2 minor injuries.
Northridge OH	8/6/79	Truck spill	Titanium tetrachloride	Land, air	
Grissom AFB IND	8/5/79	Insecticide spray	Insecticide	Pipe Cr, Wabash R	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Ada Ohio	8/9/79	Transformer break	PCB-2 gal	Land	
Brewster OH	8/10/79	RR derailment	Butane	Land	
Albrion IND	8/11/79	Train derailment	Ammonia unk	Land	
Racine WISC	8/14/79	Plant leak	Naphtha 1000 gal	Pikes River	
Flora ILL	8/14/79	Train leak	Butane- unk	Air	
Toledo OH	8/20/79	Train accident	Formic acid, ethylene acrylate 204,000 lbs	Land	2 people hospital- ized.
Dayton OH	8/22/79	Unk	Naphtha unk	G.Miami Riv	2 houses burned.
Sullivan IN	8/22/79	Trailer spill	Hydrofluoric acid	Air	
Oaklawn ILL	8/22/79	Truck accident	Isobutyl alcohol 4000 gal	Unnamed cr	
Midland MI	8/23/79	Tank overflow	Silicone unk	Wittabawassee River	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Hudsonville MICH	8/24/79	Train derailment	Vinyl diene chlor. unk	Land
Dayton OH	8/25/79	Train leak	Hydrochloric acid unk	Land
Youngstown OH	8/27/79	Tank car leak	Hydrochloric acid unk	Mahoning R
Van Wert OH	8/28/79	Tank truck overfill	Hydrochloric acid 100 gal	Town Creek
Cincinnati OH	8/28/79	Pipe leak	Hydrogen sulfide unk	Unnamed cr
5 mi N of Marion OH	8/29/79	Tank car leak	Acetone unk	Land
Continental OH	8/30/79	Capacitor break	PCB-2.7 gal	Land
W.Dana IND	9/3/79	Train derailment	Ammonium nitrate unk	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
35 mi SW of Athens OH	9/10/79	Capacitor break	PCB-1.5 gal	Land
E. Troy Wis	9/11/79	Tank overflow	Nitric acid-15 gal	Land
Flint MICH	9/12/79	Unk	Paint unk	Flint River
Tiffin OH	9/13/79	Unk	Green dye-1 gal	Sandusky R
Norwood OH	9/15/79	Unk	Methyl compounds unk	City Sewers
Huntley ILL	9/16/79	Unk	Tetrahydrofuran 55 gal MIBK 55 gal	Land
Sauk Center MINN	9/17/79	Burning	Ammonia unk	Air
Columbus OH	9/17/79	Tank car leak	LPG unk	Air
Grand Rapids MICH	9/18/79	Train derailment	Benzene fluorine unk	None
11 mi W of Meadowbrook MICH	9/18/79	Illegal dumping	Several herbicide up to 400 gal	Private pond

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Clay Co ILL	9/19/79	Pipeline break	Ammonium nitrate urea 1680 gal	Land
N.Canton OH	9/20/79	Capacitor break	PCB unk	Land
Sciotoville OH	9/21/79	Capacitor break	PCB-2.3 gal	Ohio River
Dayton OH	9/21/79	Capacitor break	PCB-3 lbs	Land
Lemont ILL	9/22/79	Unk	Lubersol, petro- chloromethane, naphtha PCB unk	Unnamed cr
Bridgeview ILL	9/22/79	Tank car vandalism	Polyglycol 15,000 gal	Land
Racine WISC	9/25/79	Truck spill	Fert/weed killer unk	Land
Farina ILL	9/25/79	Pipeline leak	Fert/420 gal	Land
Anoka, MINN	9/25/79	Drum leak	Class B propellant 10 gal	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Hazelton OH	9/26/79	Tank car leak	Cautic soda	Land
Clinton Co OH	9/29/79	Warehouse fire	Fertilizer, Insect Herbicide, unk	Land
E. of Butler IND	9/29/79	Truck leak	Carbofuran 200 lbs	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Midland MI	10/3/78	Dust control spray	Cherex w/oil base unk	Land, Bullock cr
Milwaukee WISC	10/18/78	Unk	Oil-based rust inhibitor--100 gal	Kinnickinnic River
Green Bay WISC	10/29/78	Pipeline break	Solva sol 75 -unk	Fox River
St. Elmo IL	12/14/78	Well leak	Oil/brine--100 gal	Unnamed cr
Hartford City, IND	12/14/78	Plant leak	Fuel oil/detergent unk	Little Lick Cr
Pentwater MICH	2/24/79	Pipeline break	Crude oil/brine 4200 gal	Duman Cr. PentwaterR
Crystal Lake ILL	5/22/79	Illegal dumping	Antifreeze, motor oil--unk	Storm sewer
Cincinnati OH	7/24/79	Unk	Sulfuric acid and oil unk	Land
Havanna, ILL	7/31/79	Plant leak	Mineral oil/PCB 37 gal	Land
Omaha ILL	4/12/79	Storage tank leak	Crude oil/brine	Unnamed ditch

SUMMARY

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
174	6	180	<table><tr><td>Storage</td><td>19</td></tr><tr><td>Trucks</td><td>18</td></tr><tr><td>Rail</td><td>87</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>9</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>13</td></tr><tr><td>Waste Disposal</td><td>1</td></tr><tr><td>Treatment</td><td>4</td></tr><tr><td>Pipeline</td><td>7</td></tr><tr><td>Fire</td><td>5</td></tr><tr><td>Capacitor/ Transformer</td><td>10</td></tr><tr><td>Unknown</td><td>3</td></tr><tr><td>Miscellaneous*</td><td>4</td></tr><tr><td>TOTAL</td><td>180</td></tr></table>	Storage	19	Trucks	18	Rail	87	Aircraft	0	Ship/Barge	9	Manufacturing/ Industrial Fac.	13	Waste Disposal	1	Treatment	4	Pipeline	7	Fire	5	Capacitor/ Transformer	10	Unknown	3	Miscellaneous*	4	TOTAL	180
Storage	19																														
Trucks	18																														
Rail	87																														
Aircraft	0																														
Ship/Barge	9																														
Manufacturing/ Industrial Fac.	13																														
Waste Disposal	1																														
Treatment	4																														
Pipeline	7																														
Fire	5																														
Capacitor/ Transformer	10																														
Unknown	3																														
Miscellaneous*	4																														
TOTAL	180																														

* Run-Off (1), Cannister Leak (1), Stolen Bottle (1), Missing Shipment (1).

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Monroe, LA.	10/5/78	Leaking Transformer	PCB, 100 gals.	Land	Potential spill.
Garrison, TX.	10/6/78	Tank Car Derailment	Vinyl Chloride, Acrylonitrile, Hexamethylene, None	None	
San Marcos, TX.	10/19/78	Run-off	Paint Stripper, 300 gals.	San Marcos River	
Oklahoma	10/12/78	Transformer Leak	PCB, Ascard, 1 pt.	Land	Potential spill.
St Tammany Parrish, LA.	10/14/78	Storage Tank Leak	Aniline, 4,000 gals.	Land	
Uvalde, TX.	10/14/78	Tank Car Derailment	Vinyl Chloride, None	None	
Beaumont, TX.	10/16/78	Tank Car Leak(R.R.)	Hexane, 5 gals.	Land	
Westwego, LA.	10/16/78	Transformer Leak	PCB, 2.2 gals.	Land	
Eldon, TX.	10/17/78	Tank Car Derailment	Lub Oil, Rubber Naptha, None	None	Potential spill.

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pinebluff, AR.	10/18/78	Tank Car Leak	LPG or Ethylene, Unknown	Air
Pasadena, TX.	10/19/78	Sewer Pump Failure	Sodium Hydroxide, or Caustic Soda, 3,000 gals.	Little Vince Bayou, Houston Ship Channel
Melrose, NM.	10/19/78	Tank Car Leak	Ethylene Glycol, Monoethyl Ether, Unknown	Land
Brazoria Co., TX.	10/19/78	Broken Pipeline	Butene, Unknown	Land
Warwick, TX.	10/19/78	Tank Car Leak	Toluene, 25 gals.	Land
Texas	10/21/78	Transformer Explo- sion	PCB, 20 gals.	Land
Lenox, TX.	10/25/78	Tank Car Leak	Methyl Ethly Ketone, Unknown	Land
Tulsa, OK.	10/26/78	Pipeline Leak	25% Nitrogen Solvent, 1,050 gals.	Land
Jasper Co, TX.	10/27/78	Storage Tank Over- flow	Alkali Solution Unknown	Neches River

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Alice, TX.	10/30/78	Tank Car Derailed	Polypropylene Oxide, 1,974 gals.	Land	
Deer Park, TX.	10/30/78	Pipeline, Open Valve	Paraxylene, 210,000 gals.	Tuckers Bayou	
Okmugee, OK.	10/30/78	Explosion Pipeline	Natural Gas, Unknown	Air	2 persons killed.
Goodrich, TX.	10/19/78	Overtured Tank Truck	Acetonitirile, 100 gals.	Land	1 person killed-200 evacuated.
Hallet, OK.	10/18/78	Tank Truck Accident	50% Natural Gas & 50% Butane, 1,000 gals.	Air	1 person killed.
Houston, TX.	11/3/78	Explosion & Fire	Latex Solid, Unknown	Wier Creek Sims Creek	1 person killed-13 in- jured.
Mesquite, TX.	11/6/78	Tank Car Derailement	LPG, Unknown	Air	
Houston, TX.	11/5/78	Tank Overflow	Alcohol, 50 gals.	Vince Bayou	
Houston, TX.	11/7/78	Tank Car Derailement	Glycerine, Unknown	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Channelview, TX	11/8/78	Barge Leak	Styrene, 5 gals.	San Jacinto River	
Ozark, AR.	11/9/78	Train Derailment	Soda Ash, Unknown	Land	
Deer Park, TX.	11/15/78	Train Derailment	Butadiene, Unknown	Air	
La Port, TX.	11/1/78	Barge Accident	Methanol, Sodium Sulfate, Sodium Chloride, 200 gals.	Houston Ship Channel	
Channelview, TX.	11/8/78	Barge Leak	Acetophenol, 50 gals.	San Jacinto River	
Memphis, AR.	11/22/78	Barge Accident	Hexane, Unknown	Mississippi River	
Lisbon, LA.	11/16/78	Tank Car Derailment	Nitrogen Tetroxide	None	Potential spill.
Gore, OK.	12/1/78	Tank Leak	Uranyl Nitrate-Hexahydrate, 154 gals.	Arkansas River	
Ferris, TX.	12/1/78	Tank Truck Leak	Cresylic Acid, 450 gals.	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Clouis, NM.	12/6/78	Tank Car Leak	Styrene, Unknown	Land	
Houston, TX.	12/11/78	Sewer Malfunction	Caustic, 3,000 gal	Little Vincent Bayou	
Texarkana, TX.	12/12/78	Train Derailment	Ammonium Nitrate Pellets, 1,500 lbs.	Land	
Needville, TX.	12/13/78	Truck/Train Collision	LPG, Unknown	Air	
Evandale, LA.	12/15/78	Tank Truck Rupture	Anhydrous Ammonia, Unknown	Air	4 persons killed.
Saginaw, TX.	12/15/78	Tank Car Leak	Naptha, Unknown	Land	
New Orleans LA.	12/16/78	Tank Car Leak	LPG, Unknown	Air	
Gainsville, TX.	12/21/78	Tank Car Leak	Acetaldehyde, 150 gals.	Land	
Benton, AR.	12/25/78	Tank Car Derailment	Aluminum Oxide, Ethylene Glycol, Crotonaldehyde, Unknown	Saline River	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Clovis, NM.	12/28/78	Tank Car Leak	Styrene, Unknown	Land	
Silsby, TX.	12/29/78	Tank Car Collision	Polypropylene Glycol, Land 15,000 gals.		
Forest City, AR.	1/3/79	Unknown	Styrene , Unknown	Land	
Russellville AR.	1/3/79	Storage Tank Over- flow	Sodium Hydroxide, Sodium Thiosulfate, 4,000 gals.	Dardinell Reservoir	
Bradley, AR.	1/3/79	Tank Car Leak	Methanol, 300 gals	Land	
Curry Co., NM.	1/4/79	Capacitor Rupture	PCB, Unknown	Land	
College Sta. TX.	1/5/79	Train Derailment	Vinyl Chloride, Unknown	None	Potential spill.
Corsicana, TX.	1/6/79	Tank Truck Accident	Petroleum Propylene Polymer, 3,000 ga	Pond	
Harris Co., TX.	1/6/79	Plant Fire	Unknown	Air & Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Shawnee, OK.	1/10/79	Transformer Leak	Asbestos, PCB, Unknown	Land
Eagle Lake, TX.	1/15/79	Tank Car Leak	Anhydrous Ammonia, Unknown	Air
DeQueen, AR.	1/13/79	Train Derailment	Herbicide, Diesel Oil, 3,000 gals.	Story Creek
Lubbock, TX.	1/15/79	Cyanide Cannister Leak	Cyanide Gas, Unknown	Air
Ft. Smith, AR.	1/13/79	Storage Tank Leak	Sulfuric Acid, 3,000 gals.	Mill Creek
Dallas, TX.	1/23/79	Tank Truck Over- turned	Melamine, 2,500 gals.	Kidd Springs
Friendswood, TX.	1/27/79	Tank Truck Leak	Naptha, 7,000 gals.	Tuckers Bayou
Hodge, LA.	1/30/79	Tank Car Derailment	LPG, Unknown	Air
El Paso, TX.	2/1/79	Train Derailment	Acid, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Seport, NM.	2/1/79	Tank Car Derailment	Sulfuric Acid, 500 gals.	Land	Potential spill.
Harwood, TX.	2/3/79	Tank Car Leak	Styrene, Unknown	Land	
Arkansas River, AR.	2/3/79	Barge Accident	Anhydrous Ammonia, None	None	
Wright City, OK.	2/6/79	Storage Tank Leak	Sulfuric Acid, 2,000 gals.	Horsehead Creek	
Transylvania LA.	2/9/79	Chemical Fire	Pesticides, 2,715 gals.	Land	
Lafayette, LA.	2/10/79	Tank Car Derailment	Vinyl Acetate, 25,000 gals.	Vermillion River	
Obregon, TX	2/10/79	Tank Car Derailment	Isopentane, 300 gals.	Land	
Bay City, TX.	2/11/79	Truck Collision	Caustic Soda, 10 lbs.	Land	
Suffolk, TX	2/16/79	Train Derailment	Boric Acid, Oil, 4,000 gals.	Pond	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Tecula, TX.	2/18/79	Tank Car Leak	Butene, Unknown	Air	
Pineville, LA.	2/12/79	Containment Gate Leak	Sodium Silicate, 5 gals.	Un-named Stream	
Rapides Par- ish, LA.	2/22/79	Overfilled Hose	Caustic Soda, 250 gals.	Land	
Crystal City TX.	3/6/79	Warehouse Fire	Methyl Parathrion Disyston, Azodrin Furadon, Unknown	Land & Air	City evacuated.
Deming, NM.	3/8/79	Tank Car Leak	Sulfuric Acid, Unknown	Land	
El Paso, TX.	3/8/79	Tank Car Leak	Sulfuric Acid, 1 qt.	Land	
Albuquerque NM.	3/7/79	Drum Leak	PCB, 40 gals.	Land	
Jacksonville AR.	3/12/79	Pipeline Leak	Styrene, 10,000 gals.	Bayou Meto	
Pine Bluff AR.	3/12/79	Tank Car Leak	LPG, Unknown	Air	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Corpus Christi, TX.	3/15/79	Tank Car Leak	Sulfuric Acid, Unknown	Land	Potential spill.
Houston, TX.	3/10/79	Train Derailment	LPG, None	None	
Corpus Christi, TX.	3/9/79	Leaking Drum (R.R.)	Unknown Flammable Liquid, 55 gals.	Land	
Alzheimer, AR.	3/20/79	Tank Truck Leak	Trisamino, Unknown	Land	
Waxahatchie TX	3/22/79	Tank Truck Accident	Acrylic Acid, Oil Unknown	Land	
Dallas, TX.	3/23/79	Trash Hauler Spill	Phenol, Unknown	Unknown	
Malvern, AR.	3/27/79	Dike Break	Formaldehyde, Phenol, Urea, Unknown	Big Creek	
Uvalde, TX.	3/30/79	Transformer Leak	PCB, 2 gals.	Land	
San Antonio TX.	4/1/79	Tank Spill Car	Unknown, 55 gals.	Land	
Brazoria, TX.	4/2/79	Tank Truck Collision	Adipic Acid, 20 gal. Diesel Fuel 50 gal.	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Marathon, TX.	4/2/79	Tank Car Leak	Methyl Alcohol, Unknown	Land & Air	Potential spill.
Baton Rouge LA.	4/3/79	Tank Truck Leak	Methanol, None	None	
Geismar, LA.	3/29/79	Tank Leak	Herbicide (bentazon) Unknown	Sewerline	
White Sands NM.	4/4/79	Bottle stolen from lab	Mercury, 15 lbs.	Land	
Garland, TX	4/6/79	Pond Leak	Latex Paint	Duck Creek	
Luling, TX.	4/9/79	Tank Car Leak	Ammonia Sulfide, Unknown	Land	
Paisano, TX.	4/13/79	Drum Leak (R.R.)	Triethylene Tria- amine, 10 drops	Land	
Jasper Co., TX.	4/15/79	Tank Car Derailed	Sterol Alcohol, Unknown	Neches River	
Albuquerque NM.	4/30/79	Leaking Capacitor	PCB & Oil, Unknown	San Jose' drain trib.	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Deer Park, TX.	5/1/79	Tank Truck Over- turned	Naptha, 2,500 gals	Land
Stonewall, LA.	5/4/79	Unknown	Naptha & Diesel 126 gals.	Un-named Tributary
New Orleans LA.	5/8/79	Tank Car Leak	Anhydrous Ammonia, Unknown	Air
Strang, TX.	5/9/79	Tank Car Collision	Acetic Acid, Unknown	Land
Albuquerque, NM.	5/10/79	Drum Rupture (R.R.)	Hydraulic Fluid 50 gals.	Land
Tulsa, OK.	5/10/79	Pipeline Leak	28% Nitrogen Fert- ilizer, 32,760 gal.	Cole Creek
New Orleans, LA.	5/13/79	Unknown Source	Acetone Cynohydrin	Unknown Stre
Geismar, LA	5/15/79	Gypsum Sack Leak	Fluoride & Phos- phate, Unknown	Land
Houston, TX	5/17/79	Tank Car Overfill	LPG, Unknown	Air

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Houston, TX.	5/17/79	Tank Leak (R.R.)	Butane, Butene, Butadiene mixture, Unknown	Air
New Orleans, LA.	5/19/79	Barge Accident	Toluene, Alcohol, Xylene, Unknown	Mississippi River
Dallas, TX.	5/18/79	Tank Accident	Delnor, Vapona Epichlorhydrin, Perchloroethylene, Penesol, Unknown	Farmers Branch Creek
Orange, TX.	5/14/79	Tank Leak	Hydrogen Sulfide Gas, 20 lbs.	Air
Richland Hills, TX.	5/30/79	Storage Tank Leak	Sulfuric Acid 3,000 gals.	Fossil Creek
Houston, TX.	5/30/79	Train Derailment	Butene, Unknown	None
Teraha, TX.	5/29/79	Tank Car Leak	Acetic Acid, 1,000 gals.	Land
Albuquerque NM.	6/1/79	Missing Material	Sodium Cyanide, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Petro, TX.	6/2/79	Tank Truck Accident	Permethrin, Men- thol, Ethanol, Sodium Chloride, Sodium Sulfate, 100 gals.	Land	
Clovis, NM.	6/4/79	Tank Car Leak	Sodium Hydroxide, 100 gals.	Land	
Bradley, AR.	6/5/79	Tank Car Leak	Hydrochloric Acid, Unknown	Land	
Crosby, TX.	6/9/79	Tank Car Leak	Trichloropropane	Air	
Catoosa, TX.	6/10/79	Tank Car Explosion	Anhydrous Ammonia, 80 tons	Verdigris River	
New Orleans, LA.	6/10/79	Tank Car Derailment	Butadiene, Unknown	Air	
Rison, AR.	6/13/79	R.R. Tank Car Leak	Styrene, Unknown	Land	
Beaumont, TX.	6/14/79	R.R. Tank Car overfilled	Anhydrous Ammonia, Unknown	Air	
Valentine, TX.	6/17/79	Train Derailment	LPG, Unknown	None	Potential spill

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Texas	6/19/79	Train Derailment	Acetaldehyde, Polyethylene, 16,000 gals.	Land	Recovered 4,000 gals.
PineBluff, AR.	6/19/79	R.R. Tank Car Leak	Methyl Methacrylate, Unknown	Air	
Rosenberg, TX.	7/2/79	Drum Leak	Phosphorus Trichlor- ide, Unknown	Land	
Elm Mott, TX.	7/4/79	R.R. Tank Car Leak	Methyl Alcohol, Unknown	Land	
Streng, TX.	7/5/79	Train Derailment	Methanol, Unknown	Land	
Memphis, TN.	7/5/79	Chemical Plant Fire	Methyl Parathion, 40,000 lbs.	Air & Lake McKellar	
Lacost, TX.	7/8/79	R.R. Tank Car Leak	Vinyl Acetate, Unknown	Air	
Plaquemines Parrsih, LA.	7/9/79	Barge Accident	Sulfuric Acid 2,500 lbs.	Mississippi River	
ElPaso, TX.	7/11/79	R.R. Tank Car Leak	Sulfuric Acid 0.5 pint	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Albuquerque, N.M.	7/12/79	R.R. Overfill	Barium Chloride, 400 lbs.	Land
Church Rock NM.	7/16/79	Dike Failure	Uranium Wastewater, 93,000,000 gals.	Rio Puerco River
Beaumont, TX.	6/16/79	Capacitor Explosion	PCB, Unknown	Land
Oklahoma City, OK.	7/22/79	Tank Leak	Vinyl Chloride 3,300 lbs.	Air
Corrigan, TX.	5/10/79	Deliberate Dis- charge	Nitrobenzene, Unknown	Land
Shreveport, LA.	7/26/79	Train Derailment	Potash, 1,000 lbs.	Brushy Bayou
Houston, TX.	7/29/79	R.R. Tank Car Leak	Chlorine, Unknown	Air

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Roe, AR.	7/30/79	R.R. Tank Car Leak	Ethyl Acrylate, Unknown	Land
Pine Bluff AR.	7/30/79	R.R. Tank Car Over- fill	Butyl Acrylate, Unknown	Air
Clovis, NM.	7/30/79	Capacitor Rupture	PCB, 1.5 gals.	Land
Del Rio, TX.	7/31/79	R.R. Tank Car Leak	Sulfuric Acid, Unknown	Land
Albuquerque NM.	8/1/79	R.R. Car Spill	Barium Chloride, Unknown	None
Moffeta Fe- orda, TX.	8/1/79	Train Derailment	Sulfuric Acid, Unknown	Land
Woodward, OK.	8/7/79	Tank Rupture	Hydrochloride Acid, 2,000 gals.	Land
McKinney, TX.	8/8/79	R.R. Tank Car Leak	Alcohol, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bayport, TX.	8/11/79	Train Derailment	Styrene, None	None	Potential spill.
LaPort, TX.	8/12/79	R.R. Tank Car Leak	Butyl Amine, None	None	Potential spill.
Dallas, TX.	8/14/79	Tank Leak	Phosphoric Acid, 900 gals.	Cedar Bayou	
Clovis, NM.	8/17/79	R.R. Tank Car Leak	Styrene, 10 gals.	Land	
Houston, TX	8/19/79	R.R. Tank Car Leak	Sulfuric Acid, 1 gal.	Land	
Strang, TX.	8/20/79	Train Derailment	Styrene, Butane, Propylene, Glycol, None	None	
Nolte, TX.	8/16/79	R.R. Tank Car Leak	Chloroacetophnol, Unknown	Land	
Albuquerque, NM.	8/16/79	Trailer Leak	G.P. Chloro Deter- gent Ammonia, 1 gal	Land	
Alexandria LA.	8/20/79	Leaking Transformer	PCB, 4 gals.	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Locoste, TX.	8/22/79	Train Derailment	Methanol, None	None	Potential spill.
Albuquerque, NM.	8/23/79	R.R. Car Spill	Barium Chloride, Unknown	None	
Little Rock, AR.	8/27/79	Train Derailment	Formaldehyde, 12,000 gals.	Forsche Creek	0.5 miles evacuated.
Cypress, LA	8/27/79	Train Derailment	Methanol, Unknown	Land & Air	Fire
Texarkana, TX.	8/27/79	Transformer Leak	PCB, 3 gals.	Land	
Monroe, LA.	8/28/79	Tank Leak	Organic Corrossion Inhibitor, 60 gals.	Land	
Tyler, TX.	9/2/79	R.R. Tank Car Leak	Anhydrous Ammonia Unknown	Air	
Encino, NM.	9/1/79	Tank Truck Leak	Hydrochloric Acid, 500 gals.	Land	
Lake Verret, LA.	9/4/79	Barge Accident	Natural Gas, Unknown	Air	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Holden, LA.	8/27/79	Traffic Accident	Sulfuric Acid, 20 lbs.	Land	
Albuquerque, NM.	9/4/79	Leaking Drums	Corrossive Liquid, 18 gals.	Land	
Rogers Co., OK.	9/10/79	Pipeline Break	Ammonia Nitrate, 27,804 gals.	Land	
Strang, TX.	9/9/79	R.R. Tank Car Leak	Diisobutylene, Unknown	Land	
Paxton, TX.	9/9/79	Train Derailment	Chemicals, Unknown	Land & Air	Fire & Explo- sion.
Little Rock AR.	9/19/79	Tank Leak	Titanium Dioxide, 150 gals.	Fourche Creek	
Barfield, AR.	9/20/79	Barge Accident	Ethyl Benzene, None	None	Potential spill.
Forrest City AR.	9/18/79	Tank Leak	Phosphoric Acid 22,000 gals.	Land	
Bangs, TX.	9/22/79	Train Derailment	Butane, None	None	Potential spill.

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Farmers Branch, TX.	9/27/79	Tank Overflow	Liquid Ammonia, 20 gals.	Land
Houston, TX.	9/28/79	Train Derailment	Chlorine, Unknown	Air

SUMMARY

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
70	16	86	<table><tr><td>Storage</td><td>18</td></tr><tr><td>Trucks</td><td>22</td></tr><tr><td>Rail</td><td>13</td></tr><tr><td>Aircraft</td><td>1</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>9</td></tr><tr><td>Waste Disposal</td><td>4</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>2</td></tr><tr><td>Fire</td><td>1</td></tr><tr><td>Capacitor/ Transformer</td><td>9</td></tr><tr><td>Unknown</td><td>2</td></tr><tr><td>Miscellaneous*</td><td>4</td></tr><tr><td>TOTAL</td><td>86</td></tr></table>	Storage	18	Trucks	22	Rail	13	Aircraft	1	Ship/Barge	1	Manufacturing/ Industrial Fac.	9	Waste Disposal	4	Treatment	0	Pipeline	2	Fire	1	Capacitor/ Transformer	9	Unknown	2	Miscellaneous*	4	TOTAL	86
Storage	18																														
Trucks	22																														
Rail	13																														
Aircraft	1																														
Ship/Barge	1																														
Manufacturing/ Industrial Fac.	9																														
Waste Disposal	4																														
Treatment	0																														
Pipeline	2																														
Fire	1																														
Capacitor/ Transformer	9																														
Unknown	2																														
Miscellaneous*	4																														
TOTAL	86																														

* Vandalism (1), Run-Off (1), Dumped Chemical (1), Heavy Smoke Emissions (1).

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Independence Mo.	10-7-78	Tank Car Derailment	Methyl Alcohol Not available.	Ground	
Hazelwood, Mo.	10-24-78	Leak from Drum in Truckbed	Ethylene Dibromide 10 gallons	Ground	Material cleaned up.
Liberal,Ks.	10-26-78	Drum fell off Truck	Sodium Arsenate 55 gallons	Ground	
Sharon Springs,Ks.	10-31-78	Spill	Propionic Acid 6,000 gallons	Ground	Diluted.
Burlington, Iowa	10-31-78	Tank Car Derailment	MonochloroBenzene 500 gallons	Water	
Springfield, Mo.	11-1-78	Tank Overflow	HCL 5 gallons	Ground	
North Bend, Nebr.	11-20-78	Ruptured Hose	Fertilizer N 140,000 gallons	Ground	Contained in ditch, dilu- ted & remov- ed.
Clinton, Iowa	12-12-78	Railroad Tank Car	Caustic Soda Not available	Ground	Switchman burned.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Sullivan, Mo.	12-16-78	Overfilled Tank	Methyl Methacrylate 50 gallons	Ground	
Chillicothe, Mo.	1-10-79	Railroad Tank Car	Caustic Soda Not available.	None	
Sturgeon, Mo.	1-11-79	Railroad Tank Car	Carbolic Acid 10,000 gallons	Ground	Residents evacuated.
Woodburn, Iowa	1-12-79	Railroad Tank Car	Furfuryl Alcohol 12,000 gallons	Ground	Contained.
Kansas City, Mo.	1-17-79	Railroad Tank Car	Hexane 20,000 gallons	Air	
Kansas City, Ks.	1-22-79	Tanker Truck	Unknown Acid Not available.	Ground & Water	
Sedalia, Mo.	1-23-79	Train Derailment	Ferric Chloride Lacquer Thinner Phosphorus Pentasulfide Not available	Ground	
Dubuque, Iowa	1-25-79	Mysterious Origin	Thermal, Toxic Not available.	Water	Fish kill.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Burlington, Nebr.	1-31-79	Train Derailment	Anhydrous Ammonia Not available	Air	Possible evacuation.
Kansas City, Ks.	2-1-79	Tank Spill	Paint Wastes & Solvents Not available	Ground	
Wapello, Nebr.	2-5-79	Tank Truck Spill	Trichloro Ethylene 4,000 lbs.	Ground & Air	
Rhodes, Iowa	2-20-79	Cylinder Leaking	Ethylene Dibromide Methyl Bromide 60 lbs.	Air	
Belmond, Iowa	2-21-79	Cylinder Leaking	HCN Not available	Air	
Kansas City, Mo.	2-23-79	Spill	Brownish Liquid Not available	Air & Water	
Des Moines, Iowa	2-26-79	Spill	Methyl Ethyl Ketone 55+ gallons	Ground	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Des Moines, Iowa	2-26-79	Leaking Drums on Truck	Methyl Ethyl, Ketone 100 gallons	Ground	
Fremont, Nebr.	2-26-79	Tank Truck	Fertilizer N 3,300 gallons	Ground	
Kansas City, Mo.	3-2-79	Tank Explosion	Material Unknown Not available	Ground	Contained & sent to tre- atment plant.
Haysville, Ks.	3-15-79	Plant Leak	Chlorine Gas Not available	Air	Industrial accident.
Dubuque, Iowa	3-16-79	Drainpipe into River	Sulphuric Residues Not available	Water	
70 mi/west St.Louis,Mo.	3-20-79	Truck Accident	Radioactive Material Not available	Ground	State hand- ling.
Moberly,Mo.	3-22-79	Tank Leaking	Methyl Acrylate 20,100 gallons	Ground & Air	Earth dikes constructed.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Moberly, Mo.	3-21-79	Tank Car Valve Leak	Methyl Acrylate Not available	Ground	
Bushnell, Nebr.	3-22-79	Cylinders	HCN Not available	Unknown	
Meridian, Ks.	3-22-79	Truck Accident	U ₂₃₈ (Uranium) 25 drums	Ground & Air	Recovered.
Council Bluffs Iowa	3-24-79	Railroad Car	Phosphoric Acid 80,000 lbs.	Ground & Air	Area neu- tralized.
Independence, Mo.	3-26-79	Transformers in Dump	PCB Not available	Ground and Water	
Crawford, Nebr.	4-3-79	Truck Accident	Phosphates 1,000 lbs.	Ground and Water	
Mason City, Iowa	4-5-79	Railroad Tank Car	Anhydrous Ammonia Not available	Ground & Air	Leak re- paired.
Licking, Mo.	4-24-79	Truck Accident	Sulphuric Acid 2,000 gallons	Ground	Contained, transferred & neutralized.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause if Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Kansas City, Ks.	4-30-79	Leak	Alcohol 6,000 gallons	Ground	Fire.
Lincoln, Nebr.	5-7-79	Explosion Tank Truck	Hydrogen Peroxide 500 gallons	Air	
Sturgeon, Mo.	5-9-79	Chemical in Drainage Ditch	Unknown Not available	Ground	
Atchison, Ks.	5-10-79	Residue from Fertilizer	Pesticides and Anhydrous Ammonia (mix) Not available	Ground & Water	
Morville, Iowa	5-21-79	Truck Accident	Fertilizer N 730 gallons	Ground & Air	Low strength solution di- luted & evap- orated.
Ashland, Ks.	5-23-79	Truck Accident	Fertilizer N Not available	Ground	
St. Louis, Mo.	5-24-79	Capacitors Exploded	PCB 2 gallons	Ground	
Webster City, Mo.	6-9-79	Truck Accident	Tetra-Ethylene Clycol 55 gallons	Ground	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
St. Louis, Mo.	6-10-79	Transformer Leak	PCB & Oil Mix 160 gallons	Ground and Water	
Wright City Mo.	6-12-79	Truck Accident	Chemical unknown 6,000 gallons	Ground	Product cleaned up.
Kansas City, Mo.	6-13-79	Container Ruptured	Paint & Thinner 5 gallons	Storm sewer	
Clay Center, Ks.	6-17-79	Cylinder Leaking	Cyanide 15 gallons	Ground	
Kansas City, Mo.	6-18-78	Spilled Chemicals	Laboratory Chem. HF, HCl, H ₂ SO ₄ , HNO ₃ Not available	None	
Houston, Mo.	6-18-79	Ruptured Tank	PentaChlorophenol in oil 10,000 gallons	Ground	Fish kill.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Caruthersville Mo.	6-23-79	Vessel Grounded	Styrene Not available	Water	
Whiteman AFB Mo.	7-6-79	Aircraft Explosion	Firefighting Foam 10,000 gallons	Ground and Water	Heavy fish kill.
St. Joseph, Mo.	7-9-79	Mysterious Origin	Material probable Toxaphene Not available	Water	Small fish kill.
Kansas City, Mo.	7-16-79	Transformer Ruptured	PCB's & Oil 297 gallons	Ground	Materials cleaned up & stored for disposal.
Kansas City, Mo.	7-17-79	Truck Accident	Dursban 2 gallons	Ground and Water	
Kansas City, Mo.	7-18-79	Chemical Spill	Chemical Unknown Not available	Ground and Water	Fish & Duck kill.
CMSU, Warrensburg, Mo.	7-19-79	Deliberate Dumping	Pesticides, Herbicides, Diesel Oil 150 gallons	Storm Sewer	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Springfield Mo.	7-20-79	Railroad Dumping	Chemicals unknown Not available	Ground and Water	
Columbus, Nebr.	7-26-79	Capacitor Exploded	PCB's & Oil 1½ gallon	Ground	Soil removed & packaged.
Kearney, Mo.	7-27-79	Chemical Runoff	Chemicals unknown Not available	Ground and Water	Fish kill.
Broken Bow, Nebr.	7-27-79	Tank Failure	2-4D, Trimex 100 gallons	Storm Sewer and Water	
Verona, Mo.	7-30-79	Leak in Drainage Ditch	Mixed Chemical Wastes Not available.	Ground and Drainage Ditch	
St. Louis, Mo.	7-30-79	Spill	Caustic Soda 30 gallons	Air	Material dis- posed of.
Spring Hill, Ks.	7-31-79	Pipeline Break	Isobutane Not available	Air	Evaporated in air.
Muscatine, Iowa	8-3-79	Dumped Chemicals	Lasso Not available	Ground	Potato crop damaged, run- off.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Boone County, Mo.	8-5-79	Truck Accident	Sulphuric Acid 40 gallons	Ground	Ditch diked, acid neu- tralized.
Lincoln, Nebr.	8-9-79	Pipeline Rupture	Anhydrous Ammonia Not available	Ground	
Des Moines, Iowa	8-17-79	Vehicle Accident	Radioactive Material Not available	None	Material cleaned up.
Council Bluffs, Iowa	8-14-79	Warehouse Fire	2-4D & Liquid Fertilizer Not available	Ground	
St. Louis County, Mo.	8-17-79	Buried Material	Arsenic Pellets One gallon	None	Material dis- posed of in approved waste disp. site.
Jefferson, Iowa	8-18-79	Tank Failure	2-4-D 275 gallons	Ground	Soaked into ground.
North Platte Nebr.	8-19-79	Tank Car Leak	Phosphorus Not available	Ground & Air	Fire extin- guished.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Cedar, Ks.	8-20-79	Tractor Tank Failure	Anhydrous Ammonia 6 tons	Ground & Air	Town evacuated
Webb City, Mo.	8-21-79	Train Derailment	Fertilizers Ammonium Nitrate 50,000 lbs.	Ground	Material cleaned up.
Sibley, Mo.	8-22-79	Transformer Explosion	PCB & Oil Not available.	Ground	Material cleaned up & drummed for disposal.
Joplin, Mo.	8-24-79	Tank Overfill	Liquid Fertilizer 2900 gallons	Ground and Water	
Sibley, Mo.	8-26-79	Transformer Explosion	PCB & Oil 600 gallons	Ground	Cleanup work- ers did not wear protect. clothing.
Springfield Mo.	8-29-79	Transformer Spill	PCB & Oil Not available	Ground and Water	Fish kill.
Crawford County, Mo.	8-31-79	Truck Accident	Calcium Chloride Not available	Road, ground and creek.	
Davenport Iowa	8-31-79	Transformer Spill	PCB & Oil 25 gallons	Ground	Material cleared.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Syracuse, Nebr.	8-31-79	Tank Rupture	Fertilizer & Nitrogen 39,380 lbs.	Ground	Material cleared.
Oak Grove, Mo.	9-5-79	Tank Leakage	HCL 25 gallons	Ground	Diluted w/ water into ground.
Kansas City, Mo.	9-6-79	Leaking Drum	PCB 55 gallons	Ground	Material cleaned up.
Cedar Rapids, Iowa	9-10-79	Hose Leaking	HCL Not available	Ground	

SUMMARY

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents
52	2	54	Storage 5 Trucks 21 Rail 5 Aircraft 3 Ship/Barge 0 Manufacturing/ Industrial Fac. 1 Waste Disposal 1 Treatment 0 Pipeline 1 Fire 2 Capacitor/ Transformer 7 Unknown 3 Miscellaneous* 5 TOTAL 54

* Mis-application of Pesticide (1), Pole Mount Cap Rupture (1), Cleaning Fluid Spilled into sewer (1), Cleaning Fluid Spilled on Ground (1), Drilling (1).

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
I-80 near Summit Co Utah	781011	Side board broke causing gallon con- tainer to spill	380 gal. <chem>Na2Cr2O7</chem> <chem>ZnCrO4</chem>	Land	
San Juan Co., Utah	781103	truck accident	3500 gal. Sulfuric Acid	Land	
Cheyenne R.R. yards	781103	Plug leak on tank car	5 gal. Sulfuric Acid	Land	
Rocky Flats Colorado	781202	Tank leak	1000 gal. Conc. NaOH	Land	
NW,NE,3, 4S,6W Duchesne Co., Utah	781207	truck accident	2600 gal. Ethylene Glycol	Land	
UTE Pass 4 mi. off I-70 on Hwy. 9 Colorado	781212	truck accident	3600 gal. NaOH	Land Water	3600 gal. in Pass Creek.

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
I-70 1/2 mile E. of Strasburg, Colorado	781213	truck accident	2500 lb. Trisodium Pyrophosphate- Phosphate P2O7 & Na3 PO4	Land	
U.S. Hwy. 40-7 Mi. E. of Heber City, Utah	781218	truck accident also leaking saddles	1000 gal. HCl 25 gal. Diesel	Land	1000 gal. HCl Unk. diesel in Daniels Creek.
2 mi. W. of Fairmont, North Dakota	79010	train derailment	20,000 gal. Anhydrous Ammonia	Air	6 families eva- cuated - others alerted.
10 mi. stretch from Naples to Jensen, Utah	790108	Valve mal- function on transport tanker	2000 gal. Muriatic Acid, HCl	Land	
1 1/2 Mi. N. of Farming on US 89 Utah	790111	truck accident	4391 gal. HF & Sulfuric Acid	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
MP261 W. of Laramie, Wyoming	790116	truck accident	3275 gal. Perchloroethylene	Land
1/2 Mi. E. of Vail on I-70 Colorado	790118	truck accident	1200# Vanadium	Land
13th & Zuni Denver, Colorado	790222	Leaking valves on truck	300 gal. Sulfuric Acid	Land
Near Wol- cott, Eagle Co. Colorado	790226	Valve jarred loose on transport tanker	Amt. unknown Methylcyclo- pentadiene	Land
8 Mi. S. of Manila on Hwy 44 Dagget Co. Utah	790306	truck accident (Bbls.)	470 gal. Visco 11-52	Land
Hot Springs, South Dakota	790316	Hauling transformer and fell off truck	5 gal. PCB-Pyreneal	Land

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
N. of Poncha Springs Chaffee Co. Colorado	790320	truck over- turned	3000 gal. Ammonium Nitrate	Land	Poss. conta- mination of shallow pvt. potable wa- ter wells, long term monitoring required.
1/4 Mi. SW Deerlodge, Montana	790326	Capacitor exploded	Amt. unknown PCB	Land	
5950 Mc- Intyre St. Golden, Colorado	790404	overflow of vent pipe at processing plant	700 gal. Sodium Silicate, Sodium Carbonate, Oleic Acid, Sodium Cyanide	Land	
2500 W. Calif. Ave., Salt Lake City, Utah	790406	Container leaked	5 gal. Methyl Parathion	Land	
Libby, Montana	790407	rupture of capacitor vessel	1 gal. PCB -Pyrohal	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
14 Mi. W. Cody on Hwy. 14 Wyoming	790505	Truck carry- ing batteries overturned	125 gal. Sulfuric Acid	Land	
6th & Quail St. Lakewood, Colorado	790512	Pole mount cap ruptured	2 gal. PCP-Pyronal	Land	
E. of Monte Vista at Zinger Water Station Colorado	790522	Train derailment	13,000 gal. Ammonium Sulfate	Land Water	13,000 gal. in Rio Gran- de River.
1 Mi. E. of high school in Junction, Utah	790605	plane crash	2-gal. - 15# Methyl Para- thion	Land	
Grand Junction, Colorado	790608	Cleaner spilled into sewer	12,000 gal. Perchloro- ethylene	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
24th & Arkins Ct. Denver, Colorado	790611	Leaking dome hatch	1 gal. White Phosphorus	Land
Laramie Municipal Airport Wyoming	790619	Plane aborted load	700 gal. Diesel 17 gal. Baytex	Land
10 Mi. S. of Laramie on Hwy. 287 Wyoming	790628	Drums fell off pickup	70 gal. HCl	Land
28 Mi. SE of River- ton on Hwy 136 Wyoming	790701	Fatigue caused seam to split on truck	3000 gal. Sulfuric Acid	Land
MP35-40 on I-80 Wyoming	790713	Sour gas in spots suspect new oil wells	Amt. unknown H ₂ S	Land Air

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Cheyenne at Husky truck stop Wyoming	790715	Leaking 55 gal. drum on truck	28 gal. Xylene	Land	
Sec. 20, 4S, 6W. Madison Co. Montana	790717	Mis- application of herbicide	Amt. Unknown Acrolein	Land Water	Entered Bea- verhead River.
5200 W. Yellow- stone Hwy. Casper, Wyoming	790724	Co. drained cleaning solution onto ground	3500 gal. HCl	Land	
Union & Arkansas Pl, Lakewood, Colorado	790731	bottom fell out of capacitor on pole	1 1/2 gal. PCB	Land	
5 Mi. E NE of Greeley Weld Co. Colorado	790803	Helicopter crash	1 gal. Cygon 400	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bathgate, ND Pembina Co., North Dakota	790804	Unknown possible landowner	Amt. unknown Toxaphene	Land Water	Entered Ton- gue River, fish kill.
25 Mi. E. of River- ton on Hwy 136 Wyoming	790805	Truck accident	3300 gal. Sulfuric Acid	Land	
Uravan, Colorado	790906	Line broke	2000 gal. Raffinate	Land Water	2,000 gal. in San Miguel Riv.
Rock Springs, Wyoming	790907	Drum on trailer dumped over	55 gal. Metrosodi- methyllamine	Land	
Fraser, Colorado	790907	Leaking rail car	Amt. unknown Chlorosulfonic Acid	Land	
2 1/2 Mi. E. of Hudson Weld Co. Colorado	790911	train de- railment	Amt. unknown Diammonium- phosphate	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
2 Mi. N. of Colo. Hwy. 7 on I-76 Colorado	790914	Truck accident	5700# Ammonium Nitrate	Land	Affected Mon- tana, Idaho, Utah, No. Da- kota & Minn- esota.
Pierce Packing Billings, Montana	790915	PCB leaked from transformer and spread throughout process	Amt. unknown PCB	Land	
Army Hill AFB	790918	Unknown	Amt. Unknown PCB	Land	
Casper, Wyoming	1979 dis- covered	Property given to city for Hwy. construc- tion uncovered dump	Amt. Unknown Hazardous substances & oil	Land	
Wolfpoint, Montana	790919	Fire at grain elevator	15# Phenol- Mecuric- ammonium Acetate	Land	
3 Mi. E of Tie Siding Albany Co. Wyoming	790922	Train derailment	45,000 gal. Diammonium Phosphate	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Libby Mt. Lincoln Co. Montana	790924	-Single sole capacitor failed	2 gal. PCB-Pyronal	Land	
30-35 mi. SW of Kalispell on Hwy 2 Flathead Co. Montana	790927	Truck accident	36,000 # Phenol Formalde- hyde	Land Water	1000 # in McGregor Lake
Yale & Sheridan Denver, Colorado	790927	PCB capacitor found by citizen	Amt. unknown PCB	Land	
Tie Siding, Wyoming	790100	Train derailment	Amt. unknown Phosphorus HS	Air Land	
11901 W. 44th Ave. Wheat- ridge, Colorado	790928	Unknown	300# HCl	Land	

SUMMARY

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
174	5	179	<table><tr><td>Storage</td><td>23</td></tr><tr><td>Trucks</td><td>36</td></tr><tr><td>Rail</td><td>28</td></tr><tr><td>Aircraft</td><td>3</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>15</td></tr><tr><td>Waste Disposal</td><td>1</td></tr><tr><td>Treatment</td><td>3</td></tr><tr><td>Pipeline</td><td>8</td></tr><tr><td>Fire</td><td>8</td></tr><tr><td>Capacitor/ Transformer</td><td>27</td></tr><tr><td>Unknown</td><td>23</td></tr><tr><td>Miscellaneous*</td><td>3</td></tr><tr><td>TOTAL</td><td>179</td></tr></table>	Storage	23	Trucks	36	Rail	28	Aircraft	3	Ship/Barge	1	Manufacturing/ Industrial Fac.	15	Waste Disposal	1	Treatment	3	Pipeline	8	Fire	8	Capacitor/ Transformer	27	Unknown	23	Miscellaneous*	3	TOTAL	179
Storage	23																														
Trucks	36																														
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Waste Disposal	1																														
Treatment	3																														
Pipeline	8																														
Fire	8																														
Capacitor/ Transformer	27																														
Unknown	23																														
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TOTAL	179																														

* Paint Spill (1), Pesticide Spraying (1), Drilling (1).

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Alhambra	10/2/78	Capacitor	PCB	Ground
San Carlos	10/2/78	Fire	Paint	Water
San Fran- cisco, CA	10/3/78	Truck	Ordram 8E	Ground
Tucson, AZ	10/3/78	Leak Railroad	Methyl formse	Ground
Oxnard, CA	10/3/78	Leak	Methyl methacryl- ate monomer	Ground
Monterey County	10/4/78	Train wreck	UK	Water
Colton, CA	10/6/78	Power Failure	Sodium chromate 125 gallons	Water
Wilmington, CA	10/10/78	Drilling water	Iron sulfide	Storm drain

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Yuba Co.	10/10/78	UK	cleaning agent 50 gals.	Water
Fresno, CA	10/11/78	loading accident	H ₂ SO ₄ 15 gals.	ground
Scottsdale	10/14/78	Capacitor	PCB	swimming pool
Phoenix	10/20	Capacitor	PCB	Swimming pool
Santa Maria	10/24/	line leak	Salt H ₂ O, 100 bbls	Ground
Woodland, CA	10/27/78	truck accident	Anhydrous NH ₃ 2 tank trailers	ground
Phoenix, AZ	10/27/78	tank truck	H ₂ SO ₄ 15 gals.	ground
Roseville, CA	10/26/78	RR car	LPG	No
Wilmington	10/28	discharge	UK 100 gals	ground
Baker, CA	10/30/78	tank truck acci- dent	Fluoboric acid	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Richmond, CA	11/4/78	Broken line	Potassium Permanganate 20 gallons	Ground	
Newark, CA	11/15/78	UK	Insecticide	Ground	
Sunnyvale, CA	11/17/78	Discharge	Acids	UK	
Santa Clara, CA	11/19/78	Car accident	PCB 6 gallons	Ground	
King Harbor, CA	11/20/78	UK	UK	Water	Fish kill.
Vallejo, CA	11/22/78	Truck	Glue, 100 gallons	Storm sewer	
San Jose, CA	11/22/78	Railroad accident	PC Resin, 10,100 gallons	Ground	
Reno, NV	11/22/78	Capacitor explo- sion	PCB 100 gallons	Ground	
El Porto, CA	11/30/78	UK	Brown foam	Water	

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Oakland, CA	12/19/78	Tank car overflow	Paint resin	Water
Oakland, CA	12/25/78	Accident	Paint $\frac{1}{2}$ gallon	Water
Burbank, CA	12/29/78	Capacitor leak	PCB 3#	Ground
Miracoma, CA	12/30/78	Railroad accident	Methyl bromide	Ground
Wilmington, CA	1/5	Line break	Salt water 300 bbls.	Ground
San Luis Obispo, CA	1/5	Fire	Foam	Ground
Richmond, CA	1/10	Ship	toluene, 25 gals.	Water
Stanislaus County	1/11	Truck accident	Paint & solvent 100 gallons	Water
Henderson, NV	1/18	Tanker truck	Caustic soda 2500 gals.	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Riverside, CA	1/17	Transformer accident	PCB, 1 quart	Ground
Wilmington	1/24	Leak	Salt water, 10 bbl	Water
LA County	1/24	Wrong line	MEK 1112 gals.	Water
No. Calif.	1/28	Truck accident	Polymer Resins 50-55 gallon drums	Ground
Burbank, CA	2/1	Transformer leak	PCB 1 pt.	Ground
San Jose	2/1	Discharge	Industrial rinse water, 3600 gals.	Water
Compton, CA	2/3	Railroad accident	Redwood stain	Water
Delorier, CA	2/6	Railroad accident	Vinyl chloride	Ground
Long Beach	2/8	Line leak	Caustic soda 100 gals.	Ground
San Fran- cisco, CA	2/7	Tank car	NH ₃ vapors	Air

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
San Fran- cisco, CA	2/12/79	Transformer	PCB 6-8 cu. in.	Ground
Anaheim	2/12/79	Line leak	Propylene glycol	Ground
Santa Clara County	2/10/79	Leaking truck	Toluene di-isocya- nate	Ground
Fremont, CA	2/14/79	Truck accident	Phosphoric acid 36,000 #	?
Wells, NV	2/14/79	Truck accident	Transformer oil 3900 gals.	Water
Las Vegas	2/19/79	Transformer	PCB	Ground
Roseville	2/21/79	Leaking tank car	Isobutane	Ground
Oakland, CA	2/24/79	Truck	Paint & thinner 60 gals.	Ground
San Fran- cisco, CA	3/3/79	Uk	Butyric acid 5 gals.	Storm drain

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Long Beach	3/5/79	Railroad	Methyl-butyl Ket- 10-15 gals.	Ground
Shasta Co.	3/7/79	Truck accident	Rhomene	Ground
Santa Clara	3/8/79	Capacitor	PCB 3 gallons	Ground
Hayward	3/7/79	Truck	Strychnine 5#	Ground
Ventura	3/6/79	Truck accident	Unknown acid 5 gallons	Ground
Imperial	3/4/79	Capacitor	PCB	UK
New Castle	3/6/79	Dumping	Oil & chemicals	Water
Torrance	3/8/79	Fire	Acid	Ground
LA	3/12/79	UK	Yellow foam & fuel oil	Water Beach
Fairhaven	3/15/79	UK	Black liquid 50 gallons.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Sacramento	3/15/79	Dome leak	Anhydrous NH ₃ 10 gallons	Ground
Berkeley	3/17/79	UK	Sulfur	Ground
Pomona	3/18/79	Transformer	Pyrenol 2-3 qts.	Ground
Baxter	3/22/79	Truck accident	Furfuryl alcohol 4700 gals.	Water
LA County	3/26/79	Line leak	Salt H ₂ O 50 bbls.	UK
LA County	3/27/79	Railroad car	Aluminum sulfate 3-4 gal/min.	Water
Richmond	3/24/79	Valve leak	Butane gas fumes	Air
Oakland	3/30/79	Truck accident	Arsenic CPP	Water
W. Colton	4/2/79	Railroad accident	Sodium	ground
Truckee	4/3/79	Truck Accident	PCl ₃	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Blythe, CA	4/6/79	Truck accident	Perchloro-ethylene 1000 gallons	Ground
Gridley, CA	4/8/79	Airplane accident	Pencap Parathion	Ground
Huntington	4/11/79	UK	Analine, Poluine and Ammonia, 25 gal.	Ground
Sparks, NV	4/13/79	Ruptured drum	Amyl acetate 55 gallons	Ground
Santa Clara,	4/13/79	Capacitor	Oil & PCB, ½ gal.	Ground
Redland, CA	4/11/79	Drum tipped over	Sulfuric acid 10-15 gals.	Water
Globe, AZ	4/23/79	Tank leak	H ₂ SO ₄	Ground
Sacramento	4/23/79	Loading accident	Malathion-toxa- phene 2 gals.	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Norwalk, CA	4/25/79	Truck accident	Radioactive Matl.	UK
Watsonville	4/25/79	Tank car leak	Corrosive liquid	UK
Pleasant Hill	4/26/79	Drum fell	Tri-chloro-ethyl- ene, 55 gallons	Ground
LA	4/26/79	Drums	Cleaning solvent 110 gallons	Water
Colton	4/29/79	Valve leak	Anhydrous NH ₃	Ground
Walnut Creek	4/30/79	Acid vault	Acetic acid, pic- ric acid, HCl, MISC 20 gallons.	Water
Colton	4/30/79	UK	Sodium chromate 150 gallons	Water
Redwood City, CA	5/1/79	Leak	Degreasing agent 20-30-gallons	Water
San Fran- cisco	5/2/79	UK	Paint & H ₂ O	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
LA	5/3/79	UK	Paint	Water
Silverthorn	5/8/79	Vapor leak	Carbolic acid	Ground
Kingman, AZ	5/8/79	Truck accident	Cyanide	Ground
Fresno	5/8/79	Transformer	Transformer oil 1000 gallons	Water
Berkeley	5/9/79	UK	Sodium Hydroxide 50 gallons	Water
LA	5/9/79	Tank car	Anhydrous NH ₃	Ground
West LA	5/11/79	Tank	Chromic acid 112 gallons	Storm drain
Sacramento	5/10/79	Transformer leak	PCB 10 gallons	Ground
Sutter Co.	5/11/79	Airplane crash	Disulfaton	Ground
San Carlos	5/11/79	Dumping	Trichlorethylene 55 gallons	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Oakland	5/11/79	Tank vent	Dinitro-phenol	Air
Alameda	5/15/79	UK	Black material	Water
Fresno	5/14/79	Capacitor	PCB, Oil	UK
Phoenix	5/14/79	Capacitor	PCB	Ground
LA	5/15/79	Tank car leak	Chlorine gas	Ground
Ray, AZ	5/26/79	Dam leak	Mine tailings	Water
Pittsburg	5/26/79	Explosion	UK	Air
Wilmington	5/23/79	Tank	Ammonia	Water
Oakland	5/23/79	Container	HCl	Ground
W. Sacra- mento	5/31/79	Trailer	Parathion	Ground
Walnut Creek	6/2/79	UK	Paint, 3-5 gals.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
BonnyDoon	6/2/79	Explosions	UK	Air
San Leandro	6/8/79	UK	Milky	-
YBI	6/11/79	Tank truck	Methyldichlord- silane, 2 gallons	UK
San Jose	6/10/79	Railroad accident	Eptam 15 gallons	Ground
Union City	6/15/79	UK	Yellow substance	Water
Redding	6/15/79	Capacitor	PCB - 1 gallon	Ground
Coalinga,	6/19/79	Truck accident	Vinyl acetate 1000 gallons	Ground
Oakland, CA	6/19/79	Transformer	PCB 1 gallon	ground
Gila Beach	6/26/79	Pressure valve	Sulfuric acid 100 gallons	Ground
San Diego	6/26/79	Facility	H ₂ SO ₄ , HCl, NaOH, HF1, Flubonic acid, Sodium Sul- fate, Various caustics	UK

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Santa Ana	7/2/79	Fire	H ₂ SO ₄ , HCl, HNO ₃	Water
Surf, CA	7/2/79	Railroad accident	Diethylamine 1 gallon	Ground
Sonoma, CA	7/3/79	UK	UK	Fish kill
Fairfield	7/12/79	Truck accident	Actasol, 55 gals.	Storm drain
Riverside	7/11/79	Capacitor	PCB	Swim.pool
Rancho Cucamonga	7/19/79	Tank leak	Airplane glue 42 gallons	Ground
LA	7/17/79	Transformer	PCB,	Ground
San Diego County	7/18/79	Truck accident	HCl, H ₂ SO ₄ , Solvent 1000 gals. mixture	Ground
Williams	7/16/79	RR derailment	Soldium hydroxide 165 gallons	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Richmond	7/19/79	Tank car leak	Yellow Phosphorus	
N. Calif.	7/23/79	Valve leak	Hydrochloric acid	Ground
Nevada Co.	7/23/79	Leaking tank car	H ₂ SO ₄	UK
Thousand Palms	7/24/79	Train accident	Chlorine Monomer Inhibitor	UK
Newark	7/24/79	UK	Vinyl acetate 100 gals.	Ground
San Fran- cisco, CA	7/27/79	UK	Propylene glycol 100 gallons	Water
Ventura	7/28/79	Tank car	Naphtha	Ground
Bakersfield	7/29/79	Fire	Chlorinated Lime 43425#	Ground
Carmichael	7/28/79	Capacitor	PCB	UK
Church Rock, NM	7/16/79	Tailing pond spill	Uranium tailings 93,000,000 gals.	Ground Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bakersfield	7/31/79	Overtured truck	UK	UK
Roseville	7/31/79	Drum leak	Resin	Ground
Richmond	8/4/79	Truck accident	Anhydrous Ammonia 36,000 gallons	Water
Fontana	8/5/79	Drum leaking	KCN 2-3 drums	Ground
King City	8/6/79	Truck	Liquid O ₂	Ground
Klamath Forest, CA	8/5/79	Plane	Diammonium Phosphate, 500 gals	Water
San Bruno	8/7/79	Leak	Ferric chloride 2800 gals.	Water
Industry, CA	8/7/79	UK	Hydraulic oil and plastics	Water
Oxnard, CA	8/5/79	RR accident	Chlorine	Ground
Chula Vista	8/8	Truck accident	Nitric acid 1800 gals.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Fortuna, CA	8/9/79	RR Accident	Nematicide	Ground
Imperial County	8/12/79	RR Accident	Naphtha, Xylene, Vinyl acetate	UK
Sparks, NV	8/11/79	Truck accident	Formaldehyde 150 gallons	Ground
Coolidge, AZ	8/13/79	Transformer	PCB 5-10 gals.	Ground
Sonoma	8/10/79	Truck accident	Wine-2 bbls Chemicals-300#	Ground
Eureka Bay	8/14/79	Hose Break	H ₂ SO ₄ , 200 gals.	Water
Carson City	8/19/79	Capacitor	PCB, 3-5 gals.	Ground
Hartford, CA	8/17/79	Tank truck	Parathion 5 gals	Ground
Yuba City	8/20/79	Drum	Dy-syston, 100#	Ground
Santa Clara	8/20/79	Drum	Ammonia 55 gallons	Storm drain
Vernon, CA	8/23/79	Fire	Kerosene & UK Chemicals	Water, Fish

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Wilcox, AZ	8/23/79	Truck accident	H ₂ SO ₄	Ground
Tracy, CA	8/26/79	Tank car	Anhydrous Ammonia	Ground
Ventura, CA	8/24/79	Tank leak	HCl	Ground
Cleghorn,	8/27/79	Tank leak	Glutaraldehyde & Catalyst, 2-3 gallons	Water
Tucson, AZ	9/4/79	Valve Leak	Anhydrous Ammonia	Ground
Phoenix, AZ	9/5/79	Valve	H ₂ SO ₄ , 1 gallon	Ground
Glendale, CA	9/7/79	UK	Anhydrous Ammonia 10-20 gallons	Ground
Reno, NV	9/6/79	Capacitor	PCB, 3 gallons	Ground
Alviso, CA	9/8/79	STP	Cl ₂	Water
Santa Clara	8/16/79	Fire	Chemicals/solvents	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
LA	9/9/79	Capacitor	PCB, 2-3 gals.	Ground
Orland	9/13/	Truck	Liquid adhesive	Ground
City Terrace	9/20/79	Tank leak	Isobutyl isobutyrate 5,600	Ground
LA	9/21/79	RR accident	3 chemicals	Ground
Calif.	9/21/	Spray	2,4,D	UK
McKay	9/25/79	RR	Methanol	Ground
Petaluma	9/20/79	Transformer leak	PCB	Ground

SUMMARY

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1979 (OCTOBER 1978 TO OCTOBER 1979)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
51	0	51	<table><tr><td>Storage</td><td>0</td></tr><tr><td>Trucks</td><td>4</td></tr><tr><td>Rail</td><td>10</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>0</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>16</td></tr><tr><td>Waste Disposal</td><td>0</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>0</td></tr><tr><td>Fire</td><td>0</td></tr><tr><td>Capacitor/ Transformer</td><td>0</td></tr><tr><td>Unknown</td><td>19</td></tr><tr><td>Miscellaneous*</td><td>2</td></tr><tr><td>TOTAL</td><td>51</td></tr></table>	Storage	0	Trucks	4	Rail	10	Aircraft	0	Ship/Barge	0	Manufacturing/ Industrial Fac.	16	Waste Disposal	0	Treatment	0	Pipeline	0	Fire	0	Capacitor/ Transformer	0	Unknown	19	Miscellaneous*	2	TOTAL	51
Storage	0																														
Trucks	4																														
Rail	10																														
Aircraft	0																														
Ship/Barge	0																														
Manufacturing/ Industrial Fac.	16																														
Waste Disposal	0																														
Treatment	0																														
Pipeline	0																														
Fire	0																														
Capacitor/ Transformer	0																														
Unknown	19																														
Miscellaneous*	2																														
TOTAL	51																														

* Private Home (1), Crop Spraying (1).

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Tacoma, WA	10/3/78	Industrial	Sulfur Dioxide, 2 tons	Puget Sound	
S. King County, WA	10/16/78	Highway	Hydrochloric Acid	Ground	
Minidoka, ID	10/26/78	Rail	Hydrogen Peroxide, 330 Gal.	Ground	
Rupert, ID	10/30/78	Rail	Anhydrous Ammonia	Ground	4 men affected, 1 hospitalized overnight.
Lincoln City, OR	11/17/78		PCB, 1½ Gal.	Ground	
Discovery Bay, WA	11/30/78	Rail	Sodium Chlorate	W. Discovery Bay	
Kent, WA	12/23/78	Industrial	Ammonia, 3800 LBS.	Air	
Pocatello, ID	12/23/78	Rail	Phosphoric Acid	Ground	
Soda Springs, ID	12/30/78	Rail	Sulfuric Acid	Ground	

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Kirkland, WA	1/12/79	Industrial	Paint	Water
Potlach, ID	1/26/79		PCB, 1.4 Gal.	Ground
Eugene, OR	1/26/79		Pentachlorophenol, 100 Gal.	Water
Seattle, WA	2/10/79		Asbestos Powder	Water
Seattle, WA	2/11/79	Residential	Radiation	Air
Mukilteo, WA	2/13/79	Industrial	Phosphorous Chloride	Ground
Mont Pelier, ID	2/21/79	Rail	Phosphoric Acid, 100 Gal.	Ground
Blaine AFS, WA	2/21/79	Rail	PCB, 15 Gal.	Ground
Grays Harbor, WA	3/1/79		Fertilizer	Pacific Ocean
Hermiston, OR	3/4/79		Anhydrous Ammonia	Air

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Centralia, WA	3/8/79	Rail	LPG	Air
Charleston, OR	3/9/79		Black Chemical	Water
Seattle, WA	3/19/79		Sulfurous Acid	Duwamish River
Endicott, WA	3/23/79	Highway	Anhydrous Ammonia, 2000 LB.	Air
Longview, WA	3/29/79		PCB	Ground
Seattle, WA	4/16/79		Paint, 2 Gal.	Lake Union
Federal Way	4/20/79		Paint	Steel Lake
Seattle, WA	4/25/79		Paint	Lake Union
Laural Wood, OR	5/1/79		PCB, 1 cup.	Hill CR.
Warrenton, OR	5/9/79		Paint, ¼ Gal.	Skipanon Waterway

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pocatello, ID	5/10/79	Rail	Hydrochloric Acid, 1 Gal.	Ground
Portland, OR	5/16/79	Highway	Cresol, 50 Gal.	Ground
Longview, WA	5/17/79	Industrial	Sodium Hypochlorite	W. Columbia River
Portland, OR	6/1/79		Paint, 10 Gal.	Willamette River
Portland, OR	6/25/79		Paint	Willamette R.
Ephrata, WA	7/12/79		Parathion	Ground
Pennwalt, WA	7/16/79	Industrial	PCB, ½ Gal.	
Eugene, OR	7/30/79	Industrial	PCB	
Hayden IS., WA	8/1/79	Highway	Penta Chloro Phenol 165 Gal.	Ground

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Grandview, ID	8/1/79	Crop Spraying	Methyl-Parathion	Ground	Plane crash, pilot killed.
Seattle, WA	8/4/79		Unknown Chemical	Ground	
Everett, WA	8/9/79		Nitric Acid	Ground	
Tacoma, WA	8/15/79	Industrial	Chemical Wastes		EPA assumed cleanup.
Everett, WA	8/16/79	Industrial	Mixed Chemicals	Puget Sound	
Portland, OR	8/21/79		Aluminum Paint	Willamette R.	
Auburn, WA	8/27.79	Industrial	Hexavalent Chrome	Stuck R.	
Pennwalt, WA	9/7/79	Industrial	PCB		
Tigard, OR	9/14/79	Industrial	Perchloro Ethylene, 15 Gal.		
Seattle, WA	9/17/79	Industrial	Cleaning Products		
Salem, OR	9/17/79	Rail	Hydrogen Sulfide, 1500 Gal.	Pringle Cr.	

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1978 TO OCTOBER, 1979

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Tacoma, WA	9/18/79	Industrial	Copper	
Kent, WA	9/20/79	Industrial	Perchloroethylene & Trichloroethylene	

FY 1978

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NATIONAL SUMMARY

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents
1224	86	1310	Storage 126 Trucks 223 Rail 310 Aircraft 6 Ship/Barge 21 Manufacturing/Industrial Fac. 155 Waste Disposal 51 Treatment 21 Pipeline 47 Fire 39 Capacitor/Transformer 48 Unknown 224 Miscellaneous 39 TOTAL 1310

SUMMARY

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
130	7	137	<table><tr><td>Storage</td><td>35</td></tr><tr><td>Trucks</td><td>21</td></tr><tr><td>Rail</td><td>6</td></tr><tr><td>Aircraft</td><td>1</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/Industrial Fac.</td><td>21</td></tr><tr><td>Waste Disposal</td><td>10</td></tr><tr><td>Treatment</td><td>7</td></tr><tr><td>Pipeline</td><td>1</td></tr><tr><td>Fire</td><td>3</td></tr><tr><td>Capacitor/Transformer</td><td>7</td></tr><tr><td>Unknown</td><td>16</td></tr><tr><td>Miscellaneous*</td><td>8</td></tr><tr><td>TOTAL</td><td>137</td></tr></table>	Storage	35	Trucks	21	Rail	6	Aircraft	1	Ship/Barge	1	Manufacturing/Industrial Fac.	21	Waste Disposal	10	Treatment	7	Pipeline	1	Fire	3	Capacitor/Transformer	7	Unknown	16	Miscellaneous*	8	TOTAL	137
Storage	35																														
Trucks	21																														
Rail	6																														
Aircraft	1																														
Ship/Barge	1																														
Manufacturing/Industrial Fac.	21																														
Waste Disposal	10																														
Treatment	7																														
Pipeline	1																														
Fire	3																														
Capacitor/Transformer	7																														
Unknown	16																														
Miscellaneous*	8																														
TOTAL	137																														

* Private Residence (1), Vandalism (2), Road Paving (1), Paint Spill (1), Dry Cleaning (1), Cleaning Solvent (1), Drilling (1).

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
New Milford, CT.	10/7/77	storage-tank over- fill	latex-100 gal.	none
Norwalk , CT.	10/7/77	storage-ruptured container	creosote-1 gal.	none
Southington, CT.	11/1/77	unknown	fluorescent dye unk. amt.	small stream
Greenwich , CT.	11/4/77	unk. - cleaning floors	solvents - 15 gal.	Greenwich H.
Jewton , CT.	11/14/77	drilling	soap solution unk. amt	Pootatuck R.
Cheshire , CT.	11/21/77	manufacturing discharge	waste - unk. amt.	Wetland
New Milford, CT.	11/21/77	storage-open valve	hercules 2064 resin 2000 gal.	POTW
New Britain, CT.	11/30/77	unknown	antifreeze-2 gal.	small stream

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Wallingford CT.	12/7/77	manufacturing leak in pipe	acrylamide-1000lbs	brook
Milford , CT.	12/7/77	trans.-truck acci.	lamp black-10,000 lbs.	road
E. Hartford CT.	12/8/77	storage-dumping	brandy waste-5000	Goodman Brook groundwater
New Haven , CT.	12/9/77	unknown	red discharge unk. amt.	Mill River
Southbury , CT.	12/20/77	storage leaky transformer	PCB-60 gal.	none
Branford , CT.	12/29/77	trans. truck cracked valve	nitric acid-160g.	Branford R.
Windsor Locks, CT.	1/7/78	trans. plane fueling	JP-4 + glycol-50g.	drain
Prospect, CT.	1/12/78	trans. truck container broke	nitric + sulfuric acids-10 gal.	catch basin
Windsor, CT.	1/19/78	trans.-truck acci.	battery acid-20g. (sulfuric acid)	none

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Southbury , CT.	1/25/78	trans.-truck acci.	I.D.A. powdered acid-7 cartons	roadway
New London , CT.	2/1/78	storage-leak in buried tank	unknown-unk. amt.	ground, groundwater unnamed stream
Tolland , CT.	2/2/78	trans.-trucking Co. discharge	muriatic acid-unk. amt.	small stream
Thomaston , CT.	2/2/78	non-trans.-unk. cause	sulfuric, hydrochloric & nitric acids 20,000-40,000 gal.	ground with- in dikes
Naugatuck , CT.	2/3/78	storage-broken line	sodium hydroxide 50 gal.	storm drain
Naugatuck , CT.	2/20/78	manufacturing piping fracture	insecticide unk. amt.	none
Hartford , CT.	2/22/78	unk.- discovered during excavation	unknown- amt. unk	ground groundwater
W. Haven , CT.	2/23/78	storage-open valve	styrene-400 gal.	ground groundwater

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
New Haven , CT.	3/1/78	trans-rail dischg.	pyrenol-7 gal.	Long Is. Sou.	
Norwalk , CT.	3/2/78	trans-truck tank fracture	vinyl acetate-50g.	road	
Watertown, CT.	3/3/78	unknown	unk. mat/amt.	Turkey Brook & Steele Br.	
Groton , CT.	3/3/78	unknown	" -5 gal.	Thomas Riv.	
W. Hartford, CT.	3/19/78	private residence	#2oil & Jan-solv. 20 gal.	ground/water trout brook	Infiltration.
Bridgeport, CT	3/31/78	storage- fractured contain.	paint 25 gal.	unknown	

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Fairfield, CT.	4/3/78	unknown	industrial waste 110 gal.	none
Shelton, CT.	4/11/78	manufacturing	unk. mat/amt.	Housatonic R
Vernon, CT.	4/13/78	storage solvent discharge	xylene-50 gal.	POTW
Newington, CT.	4/14/78	discharge	industrial waste	stream
Farmington, CT.	4/27/78	storage-leaky tank	hydrocarbon-5 gal	stream
Vernon, CT.	4/27/78	manufacturing broken line	latex paint-20 g.	Hockanum R.
Norwalk, CT.	4/28/78	manufacturing-fire	insecticide,herbi- cides - unk. amt.	Norwalk R. air
New Haven, CT.	5/4/78	trans-truck valve failure	styrene-1 gal.	Long Is.Sound
Naugatuck, CT.	5/5/78	manufacturing drum fell	aqueous acylic 50 gal.	Naugatuck R.

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
New Milford, CT.	5/9/78	unknown	chemical waste unk. amt.	Housatonic R
New Britain, CT.	5/15/78	vandalism	paint thinner	none
Bristol, CT.	5/19/78	unknown	blue oxide-10 gal	Pequabuck R
W. Haven, CT.	5/24/78	storage- overflow	styrene-1200 gal	ground
Middletown, CT.	5/24/78	manufacturing-over flow	grinding material	Mattabasset
Warehouse Pt., CT.	5/25/78	manufacturing overfill	insectide, herbi- cide, fertilizer 110 gal.	storm drain ground
Milford, CT.	6/6/78	disposal-dumping	waste 55 gal	Housatonic R
Middletown, CT.	6/6/78	disposal-oil used in road	phenol, creosol 2000 gal.	road, ground
Middletown, CT.	5/16/78	unknown	mildy white scum 30 gal.	Crystal Lake

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
W. Haven, CT.	6/19/78	storage-power fail overflow	styrene-1600 gal.	small brook ground	
Bridgeport, CT.	6/21/78	storage	oil&ethylene glycol	ground	
Bridgeport, CT.	6/24/78	storage damaged transformer	10c transformer oil-noPBC	Yellow Mill ground	
Yantic, CT.	6/26/78	trans-truck valve	latex-500 gal.	ground, POTW	
Hartford, CT.	6/27/78	unknown-dumping	calcium chloride	ground	
Danbury, CT.	6/28/78	storage-capacitor damaged	PCB-300 gal.	none	False alarm.
Naugatuck, CT.	7/7/78	water treatment discharge	chlorine or fluorine - unk.amt	Beacon Valley Brook	
Cromwell, CT.	7/12/78	tank truck-rupture	styrene in acetone 4000 gal.	storm drain	

REGION I

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Branford , CT.	7/14/78	discharge from facility	sulfuric acid w/ copper & zinc unk.amt.	Branford R.
E. Haven, CT.	7/18/78	discharge	paint-unk. amt.	Grannis Pond
New Haven , CT.	7/21/78	discharge	purple material unk. amt.	Quinnipiac R.
Madison , CT.	8/1/78	trans-fell off truck	Printers ink 30 gal.	roadway
Torrington, CT.	8/1/78	facility-faulty sump	mar-quenching unk. amt.	E. Branch Naugatuck R.
W. Haven , CT.	8/1/78	tug boat discharge	unknown mat./amt.	Long Is. Sound
Norwalk , CT.	8/2/78	storage-discharge	vapor-unk. amt.	air
Winsted , CT.	8/9/78	trans.-truck lost container	hydrochloric acid 2 gal.	Madd River
Hartford , CT.	8/9/78	Process-improper	sewer gas-unk.amt	air

REGION I

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Groton, CT.	8/10/78	unknown	sandy foam-unk.amt	Thomas R.
Waterbury, CT.	8/10/78	trans-truck went off bridge	sodium hypochlorite 1500 gal.	Naugatuck R.
Windsor Locks, CT.	8/11/78	discharge-storage truck	latex-unk. amt.	CT River
Bridgeport, CT.	8/16/78	storage-leaky drum	PCB-unk. amt	ground
Greenwich, CT.	8/24/78	trans-rail leaking tanker	formalin-ink. amt	ground
Middlebury, CT.	8/28/78	storage-faulty safety valve	chlorine gas-75lbs.	air
Enfield , CT.	8/28/78	pipeline-rupture	latex-1,000gal	surface water drainage ditch
English Station, CT.	8/29/78	source unk. spill @ power plant	PCB-unk. amt	ground, unnamed stream

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Torrington, CT.	8/31/78	service station dumping	radiator fluid unk. amt.	storm drains ground	
New London, CT.	9/8/78	discovered during excavation	foam-unk. amt.	Thomas Riv.	
Windsor Locks, CT.	9/12/78	dropped during transfer	potassium cyanide 1 qt.	Building floor	
Rockville, CT.	9/15/78	unknown	suds-unk. amt.	Hockinum R.	
Waterbury, CT.	9/18/78	storage-released during dismantling	natural gas-unk. amt.	air	
W. Hartford, CT.	9/19/78	trans-truck acci.	adhesive-1 gal.	road	
E. Haddam, CT.	9/19/78	road paving	asphalt-50 lbs.	Lake Hayward	
Simsbury, CT.	9/19/78	dumping	caulking-unk. amt.	Sebbins Brook	
Bristol, CT.	9/28/78	manufacturing- discharge	blue liquid-unk. amount	Pequabuck R	
Groton, CT	9/30/78	discharge	unk. mat/amt.	Thomas Riv.	Fish kill.

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Westbrook, ME.	10/20/77	-Manufacturing -Malfunction of solvent mixer	-Mixture of: toluen , hexane, xylene -1,000 gallons	-water -Presumpscot River
Dedham, ME.	2/15/78	-Rail	-Liquid sulfur -50,000 gallons	-ground & water -Mill Dane Brook
So. Port- land, ME.	8/15/78	-storage	-Sodium Hydrosul- fide -100 gallons	-Ground

REGION I

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Bedford, MA.	4/78	unknown	dioxane, trichloro-ethylene, chloroform, bromodichloromethane, 1,2-dichloroethane unk. amt.	groundwater, ground recharge area of Wellfield	Recharge area for public drinking water well.
W. Groton, MA.	5/27/78	treatment pump failed in waste water system	acrylic latex-10g.	water Nashua Riv.	
Rowley, MA.	5/78	disposal-discharge of solvent into a septic system near well rechg. area	trichloroethylene unk. amt.	groundwater, ground, well water	
Groveland, MA.	7/78	unknown	trichloroethylene	groundwater	1) 1st indication 7/78 2) 2nd test 5/79 3) wells closed 5/79
Marblehead, MA.	7/6/78	unknown	cleaning solvent unk. amt.	ground	Referred to MADWPC.
Shrewsbury, MA.	8/78	disposal-improper (haz. waste)	oils, gasoline, toluene, chloroform, dichloromethane, trichloroethylene, dibromochloromethane, ketones, fuel oil, trickling filter stones	ground, ground water	

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Braintree, MA.	8/7/78	storage-spilled while off loading truck	petroleum(additive) 200 gal.	ground	
Lowell, MA.	8/18/78	storage-fire	chemicals-unknown	ground, air possibly Riva Meadow Brook	
Indian Orchard, MA.	8/21/78	storage, tube fracture/draind sprinkler system	therminol-15 gal.	within bldg.	None seen in river.
Lynn, MA.	8/28/78	storage-bldg. burned	chemicals-unk. 'amt	ground, air	
Pittsfield, MA.	9/14/78	storage-opened wrong valve	cyanide-5 lbs.	Housatonic R	

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Lowell, MA.	Fall '77	disposal-improper storage&illegal disposal/chem. waste	various chem. waste 21,200 drums/liquid 15,000 g./sludge	ground, sewer system, River Meadow Brook Concord&Merrim Rivers
North Adams, MA.	1/19/78	trans-truck leaked from faulty valve of delivery truck	latex-200g.	ground Hoosic Riv.
Lawrence, MA.	1/26/78	trans-rail (product expanded in tank cars-valve not tight	muriatic acid-30g.	ground
Wakefield, MA.	2/1/78	disposal-illegal (chemicals)	methyl ethyl ketone, acetone-200barrels (11,000 g.)	ground
Chicopee, MA.	2/9/78	transformer- short-circuit	PCB-40g.	ground
Rehoboth, MA.	4/78	disposal-illegal (haz. waste)	trichloroethylene tetrachloroethylene methyl acetates halomethanes -unknown amount	grounds& groundwater

REGION I

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Penacook, NH	10/04/77	-Storage -Leaky tank	-Sulfuric Acid -250 gallons	-Land, river	No adverse ef- fects observed.
Penacook, NH	10/26/77	-Storage -Eroded valve connection	-Sulfuric Acid -35 gallons	-Land	
So. Nashua, NH	2/03/78	-Storage -valve failure & over filled tank	-Sodium Hydroxide -2,000 gallons	-Ground -Merrimack River	Very sm. amt. of material reached Merri- mack Riv. Sam- ples taken dwn. stream by st. did not show evidence of ma- terial. None observed.
Penacook, NH	7/16/78	-Storage -Tank overfill	-Tallow -500 gallons	-Land, sur- face water	Material con- gealed.
Nashua, NH	8/08/78	-Storage -Leaking tank	-Toluene -est. 50 gallons	-underground strata, groundwater -Nashua Riv.	

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Cranston, RI	12/16/77	-Disposal -Discharge from landfill	-Contaminated waste oil -amount unknown	-Ground, stream to Pawtuxet Riv.
Cranston, RI	12/30/77	-Storage -Leaky pipe line	-Toluene -3 gal.	-Pawtuxet R.
W. Warwick, RI	2/17/78	-Storage -tank overfilled	-Toluene -75 gal.	-water -Pawtuxet R.
Little Comp- ton, RI	5/09/78	-Truck-transporta- tion	-15% Formaldehyde methylsalicylate 4 gal. -300 gal.	-Private pond
Newport, RI	5/30/78	-Trans. -Transformer fell off truck	-PCB -50 gal.	-Road
Newport, RI	6/23/78	-Painting of bridge spilled paint	-Paint -unknown quantity	Newport Harbor
Coventry, RI	6/27/78	-Storage -damaged valve	-50% Sodium Hydrox- ide - 1500 gal.	-ground Pawtuxet R.
Lincoln, RI	9/28/78	-Storage, ruptured gasket in off load line.	-Xylene, Unknown amount	-ground Moshassuch R.

REGION I

HAZARDOUS MATERIAL INCIDENTS REPORTED TO STATES AND TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Barre, VT	11/4/77	misc.-dry cleaning	perchloroethylene unk. amt.	ground	No damage ob- served.
Brattleboro, VT	11/13/77	rail-derailment	magnesite ½ hopper car	CT River ground	
Putney, VT	11/19/77	truck-accident	zinc phosphide impregnated coin 300 lbs.	West Hill Stream	
Bennington, VT	11/21/77	storage, tank over- fill	lead oxide powder unk. amt.	air	
Bennington, VT	12/16/77	treatment holding tank	lead contaminated wastewater, 100+g.	marsh & water	
Waterbury, VT	12/30/77	truck-accident	chlorine-5 1-ton cylinders	none	
Colchester, VT	1/26/78	rail-derailment	propane, CO2 unk. amt.	air	
Montpelier, VT	2/10/78	misc.-spill camera shop	thin-X cleaning solvent, ½ gal.	POTW	
Bennington, VT	3/8/78	storage tank overflow	sulfuric acid-200g	POTW	

REGION I

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Passumpsic, VT	5/16/78	truck-accident	urea fertilizer 80# bags	ground Passumpsic R	
Montpelier, VT	5/24/78	trans-vandals open valve	fertilizer-850 g.	Winooski R.	
Hartford, VT	6/8/78	storage capacitor failure	PCB-1.7 gal.	ground	
Williston, VT	6/15/78	disposal dumping-plant closed	sodium hydroxide (450 gal.) sulfuric acid (450 gal.)	ground, groundwater	
Waterbury, VT	6/22/78	storage-seam split on capacitor	PCB's- unk. amt.	ground	
Groton, VT	7/25/78	truck-accident	tar/asphalt unk. amt.	unnamed stream	
Colchester, VT	8/18/78	storage-leak	hydrazine-2 qts.	none	
Bennington, VT	8/22/78	disposal-discharge	mixed chemicals unk. amt.	POTW, Walloomac River	Fish killed.

REGION I

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Montpelier, VT	8/25/78	truck-accident	pavement sealer 110 gal.	road	Fish killed.
Dover, VT	9/12/78	misc.-leaky drum	Certi-Mist (55 gal) (pyrethrin insecticide)	Deerfield R. north branch	
West Burke, VT	9/2/78	manufacturing lumber dipping	creosote-unk. amt.	ground	

SUMMARY

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
108	31	139	<table><tr><td>Storage</td><td>11</td></tr><tr><td>Trucks</td><td>15</td></tr><tr><td>Rail</td><td>23</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>3</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>23</td></tr><tr><td>Waste Disposal</td><td>22</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>0</td></tr><tr><td>Fire</td><td>11</td></tr><tr><td>Capacitor/ Transformer</td><td>8</td></tr><tr><td>Unknown</td><td>20</td></tr><tr><td>Miscellaneous*</td><td>3</td></tr><tr><td>TOTAL</td><td>139</td></tr></table>	Storage	11	Trucks	15	Rail	23	Aircraft	0	Ship/Barge	3	Manufacturing/ Industrial Fac.	23	Waste Disposal	22	Treatment	0	Pipeline	0	Fire	11	Capacitor/ Transformer	8	Unknown	20	Miscellaneous*	3	TOTAL	139
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* Private Residence (1), Vandalism (2).

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Johnstown, New York	10/4/77	Unknown	Chrome solution	Water - Cayadutta Creek, Mo- hawk River
Buffalo, New York	9/29/77	Factory	H ₂ SO ₄ (2,000 gallons)	Water - Buffalo River
Hillsbor- ough, N.J.	10/7/77	Unknown	Miscellaneous Organic solvents	Water and Land - Con- taminated well.
Brewster, New York	10/17/77	Capacitor failure	PCB's (2 gallons)	Land

REGION II

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Elizabeth, N.J.	10/17/77	Fire	Ethylene glycol and thermanol 66 (Ethylene glycol, 40 gallons; ther- manol 66, 50 gal- lons)	Water - Arthur Kill
West Valley Falls, N.Y.	10/17/77	Rail	Carbon black	Land
Rennsalear, N.Y.	10/25/77	Unknown	Liquid dye (1-200 lbs)	Land
Brooklyn, N.Y.	(Cont.)	Unknown	"Sludge"	Water - Gowanus Canal
Mayville, N.Y.	10/28/77	Unknown	Green paint	Water - Chautauqua Lake
Route 22, Springfield N.J.	10/3/77	Unknown	Ammonia and am- monium compounds (100 lbs)	Water and land - Rahway River

REGION II

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Passaic, N.J.	11/2/77	Rail	Liquid plastici- zer (1,000 gallons)	Land	
Freehold, N.J.	11/2/77	Factory	Coffee oils	Water - Dubois Creek	
Port New- ark, N.J.	11/4/77	Unknown	Pyridine (55 gal- lons)	Unknown	
Port Read- ing, N.J.	11/6/77	Unknown	Unknown (50-75 gallons)	Air and Water - Arthur Kill & Raritan River	Possible Fish & seagull kill.

REGION II

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Glen Falls N.Y.	11/17/77	Factory	Raw industrial waste water (30,000 gallons)	Water - Hudson River
Hamburg, N.J.	11/22/77	Waste disposal	DDT and kerosene (5 gallons)	Land
Niagara Falls, N.Y.	11/25/77	Rail	Liquid propane	Air
Newark, N.J.	11/28/77	Factory	Naptha (25 gal- lons)	Water - Arthur Kill
West Dep- ford, N.J.	12/5/77	Rail	Vinyl chloride (No spill)	-
Bridgeport, N.J.	12/8/77	Explosion - Fire	Solvents, PCB's, ethyl acetate, unknowns	Air
Mt. Vernon, N.Y.	12/14/77	Vandalism	Pigment, latex base	Water - East Ches- ter Creek
East Camden, N.J.	12/16/77	Rail	Vinyl chloride (No spill)	-

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Elizabeth, N.J.	12/21/77	Unknown	37% NaOH (150 gallons)	Land	
Edison, N.J.	12/17/77	Unknown	Sewage, oil and chemicals	Water - tributary to Rari- tan River	
Staten Is- land, N.Y.	12/29/77	Factory	Arsenic trioxide (13 drums)	-	
Maple Shade, N.J.	12/31/77	Tank Truck	Cumene (6,000 gallons)	Water - Delaware River	Small amount reached Dela- ware.
Model City, N.Y.	12/20/77	Truck	Waste oil and chemicals (1,200 to 1,500 gallons)	Water - tributary of Four Mile Creek	
Buffalo, N.Y.	12/23/77	Fire	NH ₃ , phenol, CN (NH ₃ - 1200 lbs; phenol-6.6 lbs; CN - 3.6 lbs)	Water - Niagara River	

REGION II

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Fairlawn, N.J.	1/2/78	Factory	Orthodichloro- benzene (1,700 gallons)	Air and land	Unknown am't. entered river.
Newark Bay, N.J.	1/7/78	Barge	Unknown	Water - Newark Bay	
(Delaware River,) Pa.	1/14/78	Rail	Acetaldehyde (20,000 gallons)	Land	
Brooklyn, , N.Y.	1/17/78	Factory	Phenol and methy- lene chloride (55 gallons)	Land	
Fords, N.J.	1/18/78	Waste disposal	Industrial waste (3,000 gallons)	Water - Slingtail Brook	
New Bruns- wick, N.J.	1/23/78	Unknown	Phenol and oil	Water - Delaware Canal	
Passaic, N.J.	1/25/78	Factory	PVC resin	Water - Weasel Brook	

REGION II

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Bridgewater Twp, N.J.	1/28/78	Fire	Benzolchloride (2500 gallons)	Air and land
Somerville, N.J.	1/22/78	Storage	PCB's (less than 1 pint)	Land
Linden, N.J.	2/2/78	Storage	Naptha (2,000 gal- lons)	Land and water - Black Creek
Bound Brook, N.J.	1/6/78	Storage	4-aminodiphenyl	-
Waverly, N.Y.	2/7/78	Transformer	PCB's (less than 1 pint)	-
Sayreville, N.J.	N/A	Landfill	Unknown	Land
Atlantic Ocean, Ear- th	2/14/78	Ship	Ethylenediamine (3 gallons/day)	-

REGION II

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Linden, N.J.	2/17/78	Factory	H ₂ SO ₄ (2 tons)	Water - Arthur Kill
Port Elizabeth, N.J.	3/2/78	Factory	Copper cyanide	Air
Florence, N.J.	3/9/78	Train	Vinyl chloride	-
Rochester, N.Y.	3/7/78	Factory	Cleaning solvent	Land
Sloan, N.Y.	3/11/78	Rail	Alpha methyl- styrene (10,000 gallons)	Land
Oak Island (RR yard) N.Y.	3/11/78	Rail	Naptha (small quantity)	Land
Deepwater, N.J.	3/17/78	Rail	Tetraethyl lead	-

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRONMENTAL MEDIUM AFFECTED	COMMENTS
Hillsborough, N.J.	3/19/78	Pvt. Home	Phosgene	Air	Leaking gas cylinder
S. Plainfield, N.J.	3/23/78	Rail	Chlorine	Air	
Sparkhill, N.Y.	3/9/78	Truck	Radioactive Iodine	Unknown	
Sayreville, N.J.	3/13/78	Tank	PBB	Water - Raritan R.	
Trenton, N.J.	3/14/78	Unknown	Chlorine	Air	
Milford, N.J.	3/19/78	Tank	Aluminum Chloride	Water - Delaware R.	
Hudson R., N.Y.	3/28/78	Unknown	Red dye	Water - Hudson R.	
Barrington N.J.	4/4/78	Waste Disposal	Waste oil and chemicals	Water - ?	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bergen, N.Y.	4/10/78	Unknown	65 gallons mixed chemicals	Water - ?	
Gloucester, N.J.	4/14/78	Transformer	PCB and oil	Land	
Camden, N.J.	4/14/78	Rail	Methanol	Land	
Converse, N.Y.	4/17/78	Rail	Chlorine	-	
Newark Bay Bridge, N.J.	4/18/78	Truck	Perchloroethylene (1,000 gallons)	Air	
Boonton, N.J.	4/25/78	Unknown	Unknown	Water - Crooked Brook	Large fish kill.
Linden, N.J.	5/3/78	Factory	Unknown	Water - Arthur Kill	
Mount Laurel, N.J.	4/28/78	Fire	Mixed insecticides	Water - North Branch Pensauken Creek	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause if Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Elizabeth, N.J.	4/12/78	Waste disposal	Unknown (55 gal- lons)	Land
Ulster City, N.Y.	5/5/78	Unknown	Carbofuran (100 kg.)	Water - ?
Rochester, N.Y.	5/6/78	Factory	Acetone, paint thinner, etc. (1,000 gallons)	Land
Linden, N.J.	5/8/78	Rail	Anhydrous HCl	Air
Queens, N.Y.C.	5/11/78	Transformer	PCB and oil (600 gallons)	Land
Ridgefield Park, N.J.	5/13/78	Waste disposal	Sulfuric acid (55 gallons)	Water - ?
Bayonne, N.J.	5/20/78	Tank	Sulfuric acid (1,000 gallons)	Land
Big Flats, N.Y.	5/26/78	Rail	NaOH	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
North Ton- awanda, NY	5/31/78	Truck	Methanol (700 gallons)	Land	
Johnstown, N.J.	5/24/78	Truck	Sulfuric acid (1,300 gallons)	Water - Cayadutta Creek	
Phillips- burg, N.J.	6/5/78	Rail	KOH	Land	
Carlstadt, N.J.	6/2/78	Tank	Phosphoric acid (11,000 gallons)	Water - Berry's Creek	
Bright- water, N.J.	6/6/78	Truck	Methoxychlor (900 gallons)	Water - Duck Lake	Fish kill.
Deepwater, N.J.	6/16/78	Explosion	Phenyglycol ether	Water - Delaware River	
Rochester, N.Y.	6/14/78	Tank	Sulfuric acid	-	
Mantua Twp, N.J.	6/19/78	Fire	KMnO ₄ (17,600 pounds); Sodium Aluminate (250 lbs)	Water- Mantua Creek	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Newark, N.J.	6/21/78	Rail	H ₂ OH	Land
Palmyra, N.J.	6/22/78	Rail	Vinyl chloride	Land
Bayonne, N.J.	6/23/78	Tank	HCl (7,000 gal- lons)	Land
Sayreville, N.J.	6/27/78	Tank	Diethylphthalate (3,000 gallons)	Land
Fairport, N.J.	6/28/78	Factory	Alcohol and water (100 gallons)	Land
Greggsville, N.Y.	6/17/78	Truck	Polyetherglycol (100 gallons)	Land
Freehold, N.J.	6/23/78	Waste disposal	Chemical waste	Water - Manasquan River
Corning, N.Y.	7/4/78	Truck	Plasticizer	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bayonne, N.J.	7/19/78	Rail	Triethylether (6,245 gallons)	Air and land'
Freeport River, L.I. New York	7/21/78	Factory	Toxic solvents	Water - Freeport River
Secaucus, N.J.	7/22/78	Rail	Anhydrous ammonia	Land
New Bruns- wick, N.J.	8/11/78	Waste disposal	Mixed chemicals	Land

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bound Brook, N.J.	8/10/78	Transformer	PCB and oil	Water - Sewer	
Niagara Falls, N.Y.	8/28/78	Fire	Sulfur monochlo- ride	Water- Niagara River	
Edison, N.J.	8/23/78	Factory	HCl vapors	Air	
Depford, N.J.	8/28/78	Factory	Electroplating chemicals	-	
New Jersey	8/29/78	Factory	Methyl chloride, Potash	-	8 men hospit- alized.
Cedar Grove, N.J.	8/31/78	Factory	Unknown	Water- Peckman Creek	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Camden, N.J.	9/5/78	Rail	Vinyl chloride	-	No spill.
Union, N.J.	9/6/78	Fire	Chlorodane and DDT	Air	
Bronx, N.Y.	9/1/78	Truck	Methacrylate (1,000 gallons)	Water - East Ches- ter Creek	
Croton, N.Y.	9/8/78	Transformer	PCB and oil	Land & Water - Hudson River	
Dayton, N.J.	9/10/78	Factory	Ethylene (40,000 lbs); Vinyl ace- tate (10,000 lbs)	Air & Water	
Bayonne, N.J.	9/11/78	Factory	Unknown	Air	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Columbia, N.J.	9/13/78	Truck	Dimethyldiallyl ammonium chloride	Land & Air
Rt. 21 N. & Rt. 3 Exit, N.J.	9/18/78	Truck	20 drums caustic soda, 100 lbs. disodium phos- phate, 4 drums sodium silicate, 1 drum acetic acid, 1 drum so- dium hydrochlor- ide, 60 80-lb. bags of salt, 20 100-lb bags sodium sulfate, 15 100-lb bags sodium carbonate	Land
Paulsboro, N.J.	6/21/78	Rail	Unknown (liquid corrosive pla- card)	Land
Halfmoon, N.Y.	9/27/78	Waste disposal	Landfill leachate	Land & Water - Mohawk River
Atlantic Ocean, 300 miles E. of NYC	9/28/78	Ship	Detia EX-B-Phos- phide (fumigant)	-

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
S.Kearny, N.J.	3/10/78	Factory	Mallescal SFW, 55 gal.	Land
Pennsauken, N.J.	3/23/78	Rail	Methyl chloride	(no spill)
Fairport, N.Y.	3/8/78	Truck	Paint and solvents	Land
Clifton, N.J.	3/15/78	Waste Disposal	Raw industrial sewage	Water - ?
Mahwah, N.J.	3/26/78	Factory	Oil and solvents	Water - Ramapo R.
New Bruns- wick, N.J.	4/12/78	Factory	Unknown	6 Mile Run Brook to Raritan R.
Rochester N.Y.	3/11-25/ 78	Factory	Epichlorhydrin, 5,000 gallons	Water - ?

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Gibbsboro, N.J.	4/27/78	Waste Disposal	Unknown	Water - Lucas' Lake to Kirkwood Lake to Delaware R.	
Edison, N.J.	5/10/78	Waste Disposal	Unknown	Mill Brook to Raritan R.	
Long Branch N.J.	6/3/78	Waste Disposal	Unknown	Troutman's Creek	
Middlesex County, N.J.	6/12/78	Waste Disposal	Unknown	Mill Brook	
North Bergen N.J.	6/14/78	Unknown	Unknown	Hudson R.	Fish kill reported.

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Glens Falls, N.Y.	6/21/78	Waste Disposal	Raw Industrial wastewater and runoff (50,000 gallons)	Water - Hudson R.	
Portchester, N.Y.	7/1/78	Unknown	Unknown (suspected pesticide)	Water - Mill Pond	
Trenton, N.J.	7/4/78	Vandalism	Light oil, resins, sodium silicate (500 gallons)	Land	
New Bruns- wick, N.J.	7/12/78	Factory	Paint wash water (15 gallons)	Land	
Glens Falls, N.Y.	7/27/78	Waste Disposal	Raw industrial waste (30-50,000 gallons)	Water - Hudson R.	
Harriman, N.Y.	8/12/78	Transformer	PCB & transformer oil - unknown (1,000 gallons)	Land & Water- ?	Swampy area & headwaters.
Linden, N.J.	8/14/78	Waste Disposal	Waste water & un- known chemicals	Land & Water - Ar- thur Kill	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
N.J. TPK. Exit 16W, N.J.	8/17/78	Truck	Unknown (5,000 gal)	Land	
Bayonne, N.J.	8/14/78	Truck	Propylene glycol (1,000 gallons)	Land & Water- ?	Kill Van Kull possible.
Hempstead, N.Y.	8/29/78	Unknown	Unknown (400 gal)	Water - Millburn Creek	20 ducks killed
Greenfield, N.Y.	9/10/78	Waste Disposal	Unknown (2 55-gal- lon drums)	Air & Land, Water - ?	Black Creek possible.
Jersey City, N.J.	9/8/78	Waste Disposal	Raw sewage & in- dustrial waste	Water - Morris Can- al	

REGION II

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Dunkirk, N.Y.	9/25/78	Waste Disposal	Raw sewage & in- dustrial waste	Water -?	Outfall ob- served by truckers.
Clifton, N.J.	9/27/78	Fire	Mineral spirits, resins, cobalt	Air & Land, Water - Pas- saic River	
Hoboken, N.J.	9/27/78	Transformer	PCB & transformer oil (30 gallons)	Land & Wa- ter - ?	
Newark, N.J.	6/20/78	Waste Disposal	Unknown (possibly paint)	Water- (un- named ditch)	
<u>Special case</u>					
Oswego,* N.Y.	Aug 77	Waste Disposal	Large quantities of PCB contaminated oil	Land, Water and Air - "No-Name" Creek	\$1,800,000 to date.
*Pollution abatement service: Cleanup action still in progress.					

SUMMARY

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
182	19	201	<table><tr><td>Storage</td><td>3</td></tr><tr><td>Trucks</td><td>13</td></tr><tr><td>Rail</td><td>33</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>4</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>1</td></tr><tr><td>Waste Disposal</td><td>1</td></tr><tr><td>Treatment</td><td>10</td></tr><tr><td>Pipeline</td><td>9</td></tr><tr><td>Fire</td><td>7</td></tr><tr><td>Capacitor/ Transformer</td><td>5</td></tr><tr><td>Unknown</td><td>113</td></tr><tr><td>Miscellaneous*</td><td>2</td></tr><tr><td>TOTAL</td><td>201</td></tr></table>	Storage	3	Trucks	13	Rail	33	Aircraft	0	Ship/Barge	4	Manufacturing/ Industrial Fac.	1	Waste Disposal	1	Treatment	10	Pipeline	9	Fire	7	Capacitor/ Transformer	5	Unknown	113	Miscellaneous*	2	TOTAL	201
Storage	3																														
Trucks	13																														
Rail	33																														
Aircraft	0																														
Ship/Barge	4																														
Manufacturing/ Industrial Fac.	1																														
Waste Disposal	1																														
Treatment	10																														
Pipeline	9																														
Fire	7																														
Capacitor/ Transformer	5																														
Unknown	113																														
Miscellaneous*	2																														
TOTAL	201																														

* Unloading (2).

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Roanoke, VA	10/10/77	unknown	H ₂ SO ₄	unknown
Harrisburgh VA	10/10/77	unknown	pesticide 7 drums	creek
(Unknown)	10/29/77	truck accident	PentachlorEthane	unknown
Mercer Co. PA	10/04/77	train accident	Toluene Disocyanate	Shenango R.
Springdale PA	10/11/77	pipe leak	100 gal. cyclohexane	Allegheny
Pittsburgh PA	10/17/77	Pond discharge	H ₂ SO ₃	Ohio River
Allegheny PA	10/29/77	Rail accident	Caustic soda	unknown
Thurmont MD	11/05/77	Haz. Mat'l.	Askrill 100 gal.	unk.
Morgen City W. VA	11/28/77	Train Derailment	H ₂ O ₂	Potomac Riv.
Allegheny PA	10/21/77	Tanker Capsized	Fertilizer 1150gal	Allegheny Riv

REGION III

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Balt., MD	11/29/77	Rail Accident	600 lb. chlorine	air
W. VA	11/30/77	unknown	Phenol	Ohio River
Charlestown W. VA	12/03/77	"	Naphthalene 4000gal	Kanawha Riv
Pittsburg, PA	11/03/77	truck accident	55 gal. Propionic acid	unknown
Johnstown PA	11/01/77	unknown	500 gal. waste acid	"
Pittsburgh PA	11/09/77	Tank truck leak	150 gal HCl	unk. stream
Reading, PA	11/15/77	unknown	carbon Tet CCl_4	Schuylkill R
Phila., PA	11/17/77	Truck accident	55 gal. Carbon Tet	Del. River

REGION III

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Altoona, PA	11/23/77	Train derailment	Ammonium Nitrate	unknown
Phila., PA	11/23/77	Dumping in sewer	2000 gal. H ₂ SO ₄	Delaware River
Clearfield PA	11/29/77	Train derailment	NH ₄ NO ₃	Susquehanna R
Pittsburgh, PA	12/14/77	Unknown	24,500 gal. Ammonia & phenol waste water	Ohio River
Huntington W. VA	12/17/77	Rail Accident	moist cuprous	Goose Creek
Winton, W. VA	12/18/77	Lagoon spill	Slaking Material 8,000 gal.	Ohio River
Cumberland MD	12/28/77	Derailment	methyl chloride	Potomic River
Ft. Monroe VA	12/09/77	Pesticide	4 gal. chlordane	unknown

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Delaware	1/09/78	4 derailed cars	Freon	N/A	
Maryland	1/04/78	fire & explosion	80,000 sulfur trioxide	Baltimore Harbor L. MS Pt.	fire & explosion
MD	1/22/78	Hazardous Substance	radio active	N/A	Pt. Liq, 197 Rock Bridge Rd. MD.
Penna.	1/04/78	Haz. Material	5% H ₂ SO ₄	Ohio River	
Penna.	1/14/78	Haz. Material derailment	20,000 CB & tank car acetalde- hyde	Delaware River	2 tank cars derailed
Pittsburgh Penna.	1/18/78	Haz. Mat. derail- ment	caustic soda synthetic plastic	Pine Creek (none)	2 tank cars derailed drip- ping flammable
Penna.	1/19/78	Haz. Mat'l.	Methacrylic acid	N/A	W. Chester Co. truck accident
Virginia	1/23/78	Haz. Mat'l.	Butylmercury approx. 36,000	James River	

REGION III

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
W. Virginia	1/01/78	Haz. Mat'l.	Unknown sheen of phenol comp.	Ohio River Pike Island Dam	
Penna.	1/27/78	Oil & Chem. breakaway barrels	Caustic soda-styrene potential 1,438,000 diesel oil	Ohio River	
W. VA	1/23/78	Haz. Mat'l. derailment	epichlorophyrin 1 car	local well Ohio River	Point Pleasant, W. Va.
Del.	2/14/78	Haz. Mat'l. tank car	ethylene dibromide	Pigeon Pt. Del. River	near Wilming- ton, DE
Penna.	2/02/78	Haz. Mat'l.	5% Pentoxide	N/A	
W. VA	2/10/78	unknown	no organic chems.	Kanawha River	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Baltimore MD	3/15/78	chem. tank car accident	liquid chlorine small amt.	N/A	tank car acci- dent in pipes in Plt. Frederick, MD
Ohio	3/14/78	Haz. Mat'l. fire and explosion	Chlorine 600 lbs.	Ohio River	
Ohio	3/14/78	Haz. Mat'l. derailment	orthotoluene 159,000 lb.	Ohio River	
Ohio	3/20/78	Haz. Mat'l.	styrene	Davis Creek Ohio River	
Ohio	3/17/78	Haz. Mat'l.	100 lb. sulfuric & nitric acids	none	insignificant amt. in Ohio, 100 gal. lost
W. VA	3/02/78	Haz. Mat'l.	chlorine	Ohio River	
W. VA	3/01/78	Haz. Mat'l.	500 gal. 32% H Cl	Ohio River	flushed from tank car
W. VA	3/11/78	Chem. tanker accident	gallium nitrite slight amt.	N/A	

REGION III

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
W. VA	3/15/78	Chem. tank car accident	liquid chlorine slight amount	Atlantic Ocean	tank car acci- dent in pipes in PIt.
W. VA	3/10/78	leaky flang	zinc ion ¹ 225 lbs.	Ohio River	
W. VA	3/25/78	Haz. Mat'l.	17,000 lbs. benzene	Ohio River	plant system
W. VA	3/28/78	Haz. Mat'l. barge valve left open	10,000 ethylene glycol	Kanawna River	
W. VA	3/29/78	Haz. Mat'l./Chem. sump pump overflow	5 gal. sevin residue	Kanawha River	
PA	3/15/78	Chem. NAS	204,500 sodium sulfate	Connoquening Creek	rail car in creek
PA	3/28/78	Haz. Mat'l.	200 gal. ethyl benzene	Ohio River	L. bank Ohio River
MD	4/01/78	Chem.	acetone	none	

REGION III

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause if Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
MD	4/14/78	Chem. & Haz. Mat'l.	various lab chemi- cals, approx 100 lb.	none	
W. VA	4/01/78	Chem.	O.C.tocylene diamine	none	no threat to intake
W. VA	4/03/78	Haz. Substance	275 gals. crude chloromethane	Kanawha River	
W. VA	4/03/78	Chem.-unknown	25 lbs. phenol	Ohio River	
W. VA	4/04/78	Chem./Haz. Mat'l.	100 benzene	Ohio River	
PA	4/03/78	Chem./Haz. Mat'l.	small amt. liquified ethylene	none	tank car valve leak
VA	4/13/78	Chem.	4 lbs. corrosive	Cat Tail Ck Bailey's Ck Daves River	cooling water tower corrosion by passed treatment
MD	4/23/78	Chem. truck overturned	140 lbs. (800 gal) ?	none	Hagerstown, MD
NJ	4/14/78	Chem.	Methanol	none	Camden

REGION III

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LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
NJ	4/14/78	Chem. fire	Pesticides	Strawbridge Lake Pennsankin Cr	Delaware River
PA	4/07/78	Haz. Mat'l. derailment	Petroleum waste	none	not leaking in Pine Furnace
PA	4/08/78	Chem. tank line broken on gravel driveway	590 gal. Fertilizer	none	
PA	4/13/78	Chem. tank car hit by truck	Cassylic acid ?	Ohio River	2 ton lime spread, oil dry slow to cake, no problem
PA	4/17/78	Chem.	12,000 gal. Dillute phosphoric acid	Ceder Creek Little Lehil	saml1 amt. down hole to creek, the rest con- tained in la- goon Ph lowered significantly
PA	4/19/78	Chem.	unknown green chemical	Delaware Riv	CG notified & sampled
PA	4/18/78	Chem	unknown	Schylkill Ri	
PA	4/25/78	Haz. Mat'l. personnel error	approx. 200 gal. styrene butadiene	Ohio River	white substance

REGION III

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	4/26/78	Chem./oil	Methyl chloroform & peteroleum 1 gal. per day	Del. River	flushed into drain to un- known discharge
VA	4/24/78	Chem. & Oil unkn.	crude oil & acid	Back Bay	fish kill state will check
W. VA	4/21/78	Chem. derailment	caustic soda	Ohio River	15 car derail- ment 10 w/ caustic mat'l police notified
W. VA	4/24/78	Chem.	1300 lbs. iodine	Ohio River	
NJ	4/28/78	Chem. fire	pesticides 2 tons	Strawbridge Lake	Delaware River
PA	4/29/78	Chem.	Hydrocloric & murimtatic acid	Monowaha River	product along tracks & clean-up
MD	5/15/78	Oil & Chem.	10 gal. diesel fuel 50 gal. acetone	Chesapeak Bay	
PA	5/02/78	Chem.	Ammonium nitrate small amt.	Mahoning Ck.	none in stream
PA	5/03/78	Chem.(possibly toxic)	organic solvents 500 ppm	none	state notified & to test

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	5/03/78	Haz. Mat'l. truck accident	15 gal. Heptane	none	
PA	5/09/78	Chem.	unknown chem. odors at outfall	Ohio River	
PA	5/11/78	Oil (PCB's)	1 gal. oil (PCB's)	none	contained in trailer
PA	5/11/78	Chemicals/oil	20 gal. Glycos, ethens, acraylic, titanum, dioxide, oil	none	
PA	5/07/78	Chem.	40 gal. napthalene	Monogahela River	primary coaling bin #6 over- flow
PA	5/13/78	Chem.	200 lbs. Phenolic resin	trib. to Towanda Ck.	
PA	5/15/78	Chem. valve leak	500 -. 1000 gal. Heptane methacrylic acid	Goose Creek	
PA	5/23/78	Chem. tank over- flow	1000 gal. H ₂ SO ₄	Manawhana River	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	5/05/78	chem.	500 lbs. Oleum 20%	Monowhela River	Hose burst in transfer
PA	5/24/78	chem. drum broke while unloading	55 gal. Litron #615 water soluble latex	Paul's Run	
PA	5/24/78	Chem.	NH ₄ OH	Del. River	
PA	5/28/78	Pesticides	Pesticides	n/a	
VA	5/04/78	Chem. tank car overfilled	spent caustic mat'l	none	75% dilute
VA	5/12/78	oil	3000 gal. primer for asphalt	Simpson Ck.	
VA	5/31/78	chem.	germanium oxide 5 lbs.	James River	non-toxic
W. VA	5/01/78	radiation	Zirconium/radioactive tailings	n/a	investigation will follow

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
W. VA	5/02/78	Chem.	500-600 lbs. Toluene diamine	Ohio River	
W. VA	5/04/78	Chem.	150-200 gal. crude chloromethane	Kanawha River	75 gal. recovered
W. VA	5/08/78	Other	5 gal. in river detergent?	Kanawha River	open valve on rr. car being cleaned up
W. VA	5/19/78	Other-green dye	2 gal. green dye paint pigment?	Ohio River	
W. VA	5/24/78	Chem.	CCl ₄	Ohio River	no emergency
VA	6/10/78	Chem.	Unknown Hydride	none	leaked
PA	6/01/78	Chem.	50 gal.	Ohio River	
PA	6/05/78	Other	Solvent	none	not in stream

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA Darby	6/06/78	Chem.	Polythelene/styrene	Cobbs Creek	Fire-Plastics
MD	6/01/78	Chem. leaking dome	Ethylene	Potomac River	Cumberland, MD - no pollution
MD	6/03/78	Chem. trailer of flat car	acid	n/a	cleaning com- pound
MD	6/03/78	Chem.	unknown	Indian Creek -N.E. Anacostia Riv	
MD	6/12/78	Chem.	Hydrochloric acid	Counpowder Falls	
PA Allegheny Co.	6/08/78	Chem. fire & explosion	Acrylic Polymers	Allegheny Riv	none in stream

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
W. VA	6/28/78	Chem.	Unknown	Fields Creek
DE	6/14/78	Chem.	Hydrochloric acid 5 gal.	none
DE	6/15/78	Chem.	HCl approx. 10%	none
W. VA	6/29/78	Sump over flow	Acrylamltite styrene ?	Kanawha River

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
PA	6/09/78	Chem.	Anhydrous ammonia	Big Run Ck.	fish kill
PA	6/10/78	Chem.	255 gal, Toluene	none	
PA	6/11/78	Oil	5 gal., Isodacyl alcohol	Ohio River	
PA	6/13/78	Pesticides	Dylox	none	
VA	6/19/78	Chem.	Raw chlorine	York River	
VA	6/28/78	Chem.	Hydrazine	spring drink water	
W. VA	6/09/78	Chem.	Toluene, 11,350 lbs.	Kanawna R.	
W. VA	6/13/78	broken hose	Methanol 50 gal.	Ohio River	
W. VA	6/18/78	pipeline leak	sulfuric acid	Kanawna R.	
W. VA	6/19/78	tank truck accident	small amt. nitro. Benzol	none	
Huntington, W. VA	6/19/78	Chem.	Oily substance	Ohio River	

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Phila., PA	7/18/78	Transformer leak	Oil & PCB	none
PA	7/18/78	Derailment	Acetaldehyde	none
Horsham, PA	7/26/78	spill	Alkyl acid	Neshaminy Creek
Bridgeville, PA	7/19/78	Plant spill	xylene	Millers Run
Phila., PA	7/25/78	Transformer spill	Oil & PCB	none
Hershey, PA	7/18/78	NPDES permit violation	Caustic soda	Codorue
Bristol, PA	7/31/78	Fire & Runoff	Lead Oxide & Oil	Delaware R.
York, PA	7/23/78	Equip. malfunction	Toluene	none
PA	8/02/78	Chem.	Selenium	Del. River
PA	8/02/78	Chem.	Benzyl Peroxide	Schylkill
Pittsburgh PA	8/03/78	Chem.	Unknown	Monongahala River

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Hopwell, VA	8/10/78	Unknown	1000 lbs. Caustic Soda	Reilleys Creek
Roanoke, VA	8/16/78	Inproper Packaging	3 gal. PCB	none
VA	9/12/78	Rail car accident	Hydrochloric acid	James River
VA	8/31/78	Unknown	acid	Shenandoah
MD	8/18/78	Unknown	30 gal. Latex	none
Allegheny, PA	7/07/79	Pipe Leak	15 gal. organics	Allegheny River
Pittsburgh, PA	7/09/78	Unknown	Oil & Chem.	Ohio River
PA	7/11/78	Unknown	Chem.	none
PA	7/10/78	Rail Accident	Caustic	none
Pittsburgh, PA	7/13/78	Ruptured capacitor	3 gal. Oil & PCB	none

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Allegheny, PA	7/07/78	Pipe Leak	15 gal. solvent	Allegheny River
Fall Ch., VA	7/13/78	Transformer Leak	PCB	none
VA	7/24/78	Capacitor Leak	PCB	none
Grafton, W. VA	7/11/78	unknown	Vinyl Chloride	Ohio River
Martinsville, W. VA	7/28/78	Equipment failure	Caustic soda	Ohio River
Balt., MD	9/19/78	Derailment	Sodium Hypochlorite	none
Balt., MD	9/05/78	Derailment	Calcium Hypochlorite	none
Frederick, MD	9/15/78	Track accident	500 lbs. Liquid CO ₂	Potomac River
Front Royal, VA	8/02/78	Derailment	Sulphuric acid	none
Hopwell, VA	8/02/78	unknown	50 gal. Phenol	Cuttal Creek

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
WV	9/1/78	Chemical	benzene 5 - 15 gal	Ohio R
Hancock WV	9/24/78	RR derailment	alcohol unk qty	Potomac R
WV	8/22/78	chemical	PCB $\frac{1}{2}$ lb	Kanawha R
WV	9/1/78	chemical	Benzene 5 - 10	Ohio R
WV	9/12/78	chemical/ haz. sub.	Carbon tetrachloride	Kanawha R

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Penna	8/9/78	Chemical	acid, unk. amt	Ohio R
Penna	8/14/78	chemical	acid + base	? River
Penna	9/22/78	haz mat + oil	oil base + Sulfuric acid	Schuylkill R
Penna	9/22/78	haz sub	PCB 2 gal	none
Penna	9/23/78	acid	acid	none
Virginia	9/12/78	leak	muriatic acid 75 gals	unk
Arlington VA	9/21/78	chemical	latex 3000 gal	Mauzy R
Virginia	9/25/78	haz sub	PCB 2 gal	none
Richmond VA	10/4/78	chemical	PCB unk qty	none
Chesapeake VA	10/3/78	chemical	liquid alum 2500 gal	none

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	8/07/78	Chem.	Ethylene oxide 4 cars	none
PA	8/09/78	Chem.	Organic Chem.	Walton Run
PA	8/09/78	Chem./Oil	PCB 2 gal.	unknown
PA	8/10/78	Chem.	PCB 2 gal.	none
PA	8/14/78	Chem.	PCB 6-9 gals.	unknown
PA	8/17/78	Chem.	Unknown, 1400 gals.	Wasnana R.
PA	8/19/78	Chem.	... acid	Unknown
PA	8/21/78	Chem.	Xylene	none
PA	8/21/78	Valve malfunction	mineral spirit 20-25 gals.	Allegheny R.

REGION III

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
PA	8/28/78	leaking	unknown acid	unknown
PA	8/31/78	Chem.	White noxyous fluid	Del. River
PA	9/04/78	Chem.	Ascyral poison (PCB)	none
PA	9/06/78	line break all escaped	Alum. Sulfate 25 gals.	Halter Creek
PA	9/14/78	pump power flow	Alcohol phthalate 20 gals.	Ohio River
Dinton Co. PA	9/14/78	Cap dropped Haz. Substance	PCB 2 gal.	Susquhanna River
Pitts., PA	9/12/78	Chem.	Alcohol, 30 gal.	Ohio River
W. Va.	9/14/78	Chemical	Metallic 50 gal.	Ohio River
PA	9/11/78	Chem.	Caustic soda, 50 gal.	Ohio River
Wilmington, DE	10/10/78	leak in jachet	Petro naptha	none
Wilmington, DE.	10/16/78	leaking valve	toluene-unknown	none

SUMMARY

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
250	3	253	<table><tr><td>Storage</td><td>15</td></tr><tr><td>Trucks</td><td>55</td></tr><tr><td>Rail</td><td>99</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>3</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>44</td></tr><tr><td>Waste Disposal</td><td>2</td></tr><tr><td>Treatment</td><td>2</td></tr><tr><td>Pipeline</td><td>5</td></tr><tr><td>Fire</td><td>4</td></tr><tr><td>Capacitor/ Transformer</td><td>10</td></tr><tr><td>Unknown</td><td>12</td></tr><tr><td>Miscellaneous*</td><td>2</td></tr><tr><td>TOTAL</td><td>253</td></tr></table>	Storage	15	Trucks	55	Rail	99	Aircraft	0	Ship/Barge	3	Manufacturing/ Industrial Fac.	44	Waste Disposal	2	Treatment	2	Pipeline	5	Fire	4	Capacitor/ Transformer	10	Unknown	12	Miscellaneous*	2	TOTAL	253
Storage	15																														
Trucks	55																														
Rail	99																														
Aircraft	0																														
Ship/Barge	3																														
Manufacturing/ Industrial Fac.	44																														
Waste Disposal	2																														
Treatment	2																														
Pipeline	5																														
Fire	4																														
Capacitor/ Transformer	10																														
Unknown	12																														
Miscellaneous*	2																														
TOTAL	253																														

* Leaky Canisters (1), Drainage System Failure (1).

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Bladen, NC	9/24	Ind. plant, capacitor leak	PCB (1 gal.)	None
Bartow, FL	9/16	Train, car leak	H ₂ SO ₄ (25 g)	None
Charlotte, NC	9/18	Ind. plant, pipe leak	Muriatic Acid (200 g)	Water
Sareland, AL	9/7	Truck accident	Liquid sulphur (3500 g)	None
Rossville, GA	9/25	Ind. plant, transformer leak	PCB	None
Louisville, KY	9/25	Train, car leak	Dicyclopentodiene (50 g)	None
Decatur, AL	9/2	Train, car leak	HCl	Air
Louisville, KY	9/6	Train, car leak	Sulphur Dioxide	None
Ducktown, TN	9/7	Truck accident	Styrene (8000 g)	Water
Raleigh, NC	9/7	Train, car leak	H ₂ SO ₄	None
Jackson, MS	9/10	Ind. plant, capacitor explosion	PCB (3 gal.)	None
Shively, KY	9/11	Train, car leak	Cresylic acid (1 quart)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Louisville, KY	9/11	Barge	Styrene	Air
Norcross, GA	9/22	Stolen truck	Chromic acid	None
Florence, AL	9/18	Train, derail	Propane Fuel oil (6000 g)	None Land
Adairsville, GA	9/22	Train, derail	Butadiene	None
Oak Ridge, TN	9/13	Truck wreck	Argon gas	None
Mobile, AL	9/14	Train, car leak	Aniline (1 gal.)	Land
Bean Sta- tion, TN	8/31	Truck wreck	Propionic acid (6000 g)	None
Winston, FL	8/24	Train, car leak	Anhydrous ammonia	Air
Columbia, SC	8/17	Storage facility	HCl	Air
Montgomery, AL	8/27	Train, car leak	Caustic (5 gal.)	None
Old Fort, NC	8/27	Train, derail	Muriate of potash (2000 lbs.)	Water

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Harrisburg, NC	8/21	Ind. facility, pipe leak	Inorganic material lime slurry (6000 g)	Water	
S. Hender- son, NC	8/21	Truck, drum fell off	Phenyl ether (400 lbs.)	None	
Havelock, NC	8/22	Ind. facility, capacitor leak	PCB (3 gal.)	Land	
West Point, KY	8/23	Train, derail	LPG	None	
Siler City, NC	8/23	Truck wreck	Toluene (2000 g)	Land	
Carthage, TN	8/23	Train, derail	Ammonium Nitrate (2000 lbs.)	Water	Fish kill
Florence, SC	8/23	Truck wreck	Spent methanol (2000 g)	None	
Rock Hill, SC	8/18	Truck, tank fell	Methyl ethyl ke- tone, Cyclopro- panol, ethyl ace- tone, propyl ace- tate (600 g)	Water	
Knoxville, TN	8/17	Ind. facility ca- pacitor hit by lightning	PCB (3 gal.)	Land	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Manney, SC	8/17	Train derail	Anhydrous ammonia naptha	None
Montgomery, AL	8/19	Train, car leak	Dimethylamine	None
Kingsport, TN	8/9	Ind. plant, per- sonnel error	Cyclohexane (3200 lbs.)	Water
Durham, NC	8/8	Ind. plant, ex- plosion	Solvents	None
Lancaster, SC	8/11	Train derail	Caustic soda	None
Greenville, AL	8/11	Truck wreck	Acetone (1500 gal)	Water
Ellenwood, GA	8/9	Ind. facility, drum leak	Cleaning com- pound (55 g)	None
Anniston, AL	8/11	Ind. facility, personnel error	Muriatic Acid (100 g)	None
Memphis, TN	8/10	Unknown	Sodium cyanide	Water
Holly Ridge NC	8/?	Storage facility, roof collapsed	2, 4 Dinitro- phenol	Water
Orangeburg, SC	8/1	Truck leak	Methylcyclopenta (12 gal.)	Land

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause IF Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Crosshill, SC	8/2	Train derail	Alcohol	None
Niceville, FL	8/3	Ind. facility, capacitor leak	PCB (1 gal.)	None
Palm Bay, FL	8/2	Ind. plant, dump	Antimony trioxide (50 lbs.)	None
Hickory, NC	8/6	Ind. plant, fire	Chemical salts	None
Rushin, GA	8/28	Train, car leak	Sulfuric acid	None
Memphis, TN	8/31	Ind. facility, tank leak	Muriatic acid (1000 g)	None
McEwen, TN	8/28	Train, derail	Methyl bromide, glycol ethers, propylene oxide, butane	None
Kingsport, TN	7/27	Ind. plant, pipe leak	Acetic acid (7000 lbs.) Hexamethylene Tertanicide (4000 lbs.)	Water
Augusta, GA	7/31	Ind. plant, leak in barrel	Sulfuric (500 g)	None
Samburg, TN	7/1	Ind. plant, fire	PVC	Air

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Moniac, GA	7/1	Train, derail	Black liquor (4000 g)	None	
Montgomery, AL	7/3	Train, car leak	Anhydrous ammonia	Air	
Atlanta, GA	7/4	Unknown	Industrial waste	Water	Fish kill
Vanier, TN	7/5	Unknown	2,4D & 2,4,5T	Water	Two hospital- ized
Baldwin, FL	7/7	Train, car leak	HCl	Air	
Charleston, NC	7/8	Ind. plant, trans- former leak	PCB (70 gal.)	Land	
Flomaton, AL	7/10	Truck accident	Basagran (2 gal.) Bravo (5 gal.) Disytron (150 gal) Dyfonate (150 gal)	Water	
Columbia, SC	7/11	Ind. plant, per- sonnel plt.	Copper chrome (4000 gal.)	None	
Medley, FL	7/11	Train, hit load- ing pipe	Chlorine	Air	
Tupelo, MS	7/12	Truck leak	Parathion (20 gal)	None	
Craven, NC	7/13	Truck accident	Methanol (400 g)	None	
Atlanta, GA	7/15	Train, car leak	Flammable liquid	Air	
Arlington, TN	7/15	Truck leak	Acrylonitrile	Air	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Chattanooga, TN	7/16	Truck, lost load	Pesticide lintox (8 gal.)	Water	Algae bloom
Colerain, NC	7/17	Unknown	Supect fertilizer	Water	
Sumter, SC	7/17	Train, car leak	Phosphorus tri- chloride	Air	
Rienzi, MS	7/18	Unknown	Chlorine	Air	Two injuries
Rodman, SC	7/18	Train, derail	Hexamethylene- diamine, vinyl acetate	None	
Knoxville, TN	7/19	Nursing home, leaky old cannis- ters	Cyanogen bromide	Air	
London, KY	7/21	Truck leak	HCl (4100 gal.)	Air	
Knoxville, TN	7/21	Ind. facility, capacitor leak	PCB (3 gal.)	None	
Roachdale, IND.	7/19	Train	Sodium Dichro- mate	None	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Lowland, TN	7/23	Ind. plant, tube rupture	Ethylene glycol (375 g)	Water
Swainsboro, GA	7/24	Truck wreck	Nitrogen fertil- izer (3000 gal.)	Land
Knoxville, TN	7/25	Ind. facility, capacitor explo- sion	PCB (3 gal.)	None
Nashville, TN	7/25	Train, car leak	Butadiene	None
Barnesville, GA	7/26	Truck leak	Formaldehyde (200 g)	Water
Nashville, TN	7/28	Truck leak	Glacial acetic acid (1500 g)	None
Chattanooga TN	7/28	Train, car leak	Toluene (10 g)	None
Jackson- ville, FL	7/28	Ind. facility, car leak	HCL (13000 g)	Air Water
Araidia, FL	7/30	Truck, lost cargo	Krorar herbicide (5 gal.)	Water
Dickson, KY	6/1	Truck accident	Toluene (600 gal) Cobalt naphthen- ate (6%) (un- known quantity)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Louisville, KY	6/2	Unknown	Methanol (500 gal)	None
Pellom, AL	6/5	Drum fell off truck	Tordon-weedkiller (45 gal.)	Inlet
Memphis, TN	6/6	Leak from trans- former	PCB (1 gal)	Inlet
Cowpens, SC	6/8	Equipment damage truck trailer	Pigment Dye (110 gal)	Inlet
Naheola, AL	6/9	Overflow of catch basin at industrial plant	Alum (Aluminum Sulfate) (4000 gal)	Swamp
Institute, W. VA	6/9	Unknown	Toluene (11,350 lbs.)	River
Albany, GA	6/9	Hose leak in tank	Chlorosulfonic acid (500 gal)	River
Port Birm- ingham, AL	6/9	Accident between train & truck	Xylene (1000 gal)	None
Century, FL	6/10	Train derailment	Adipic acid (5000 lbs.)	Ditch
Hopewell, FL	6/10	Truck accident	Anhydrous ammonia (unknown quan.)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause if Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Springdale, PA	6/10	Explosion & fire at ind. plant	Ethylacrylate (unknown quan.)	River	Three families evacuated.
Memphis, TN	6/17	Drum leaking in truck	PCB (10 gal)	None	
Decatur, AL	6/19	Flange leaked during barge un- loading	Styrene (100 gal)	River	
Richwood, KY	6/20	Cargo leaking cause unknown	Varnish (40 gal)	Inlet	
Jesup, GA	6/21	Train car leak	Trimethyl phos- phite (unknown quan.)	Inlet	
Rome, GA	6/21	Equipment failure Ind. plant	Muratic acid (1000 gal)	Stream	
Muscle Shoals, AL	6/21	Ruptured hose	Chlorine (1550 gal)	Inlet	
Wilder, KY	6/23	Pipeline leak	Diluted sulfuric acid (300 gal)	River	
Rocky Mt., NC	6/24	Train derailment	Phosphoric acid solution (un- known quan.)	Inlet	
Opalaka, AL	6/27	Train derailment	Ethyl phosphoric Dichloride Anhydrous (unknown quan.)	Inlet	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pascagula, MS	6/27	Pipeline leakage	Toluene (unknown quan.)	Tributary
Research Triangle Pk. NC	6/28	Fire in a chemi- cal storage ware- house	Numerous chemicals (unknown quan.)	Stream
Ashland, KY	6/29	Leak in train tank	Trimethylchloro- silane (CH ₃) ₃ SiCl (unknown quan.)	Inlet
Wilmington, NC	6/29	Leak in truck	Radioactive waste (55 gal)	Inlet
Clearwater, FL	6/29	Lightning storm hit transformer	Askarel (PCB + TCB) (30 lbs.)	Inlet
Carters- ville, GA	5/11	Corrosion RR tank car	Phosphoric acid (unknown amt.)	None
Connally, GA	5/25	Sloppy operation	Arsenic compound (500 gal. water)	River
Branden- burg, KY	5/11	Train derailment	Chlorine	None
Borkin, FL	5/29	Leaking RR tank car	Ethyl chlorothio- formate (unknown amt.)	None
Walton Co., FL	5/29	Train derailment	Anhydrous ammonia (unknown amt.)	None
South Point OH	5/29	Industrial plant	Copper acetate (183 gal.)	River

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Raleigh, NC	5/25	Faulty air valve	H ₂ SO ₄ & HNO ₃ (unknown amt.)	None	Two people burned
Huntington, W. VA	5/25	Ind. discharge	Carbon Tet. and Chloroform (un- known amt.)	River	
Nashville, TN	5/23	Leaking tank car	Aniline (2 gal.)	None	
Burnsville, NC	5/23	Equipment failure	Liquid fertilizer (5335 gal.)	Swamp	
N. Union City, TN	5/22	Broken hose on farm truck	Anhydrous ammonia (1000 gal.)	None	
Campbells- burg, KY	5/21	Crack in tank truck	Liquid plastic (400 gal.)	River	
Stephenson, AL	5/18	Tank truck	H ₂ SO ₄ (93%) (200 gal.)	None	
Jesup, GA	5/18	Tank truck jack- knifed	Ammonia Nitrate (500 gal.)	Creek	
Jesup, GA	5/15	Industrial dis- charge	PCB (20 gal.)	None	
Emerald Isle NC	5/14	Leak in water treatment plant	Chlorine (unknown amt.)	None	
Iron City, AL	5/10	Train derailment	Phosphorous (unknown amt.)	Creek	Two people injured. Eight houses evacu- ated.

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Spartan- burg, SC	5/11	Unknown	Alkyd gloss enamel (50 gal.)	None
Gay, GA	5/11	Train derailment	Phosphoric Acid (15,000 gal.)	Creek
Tiftonia, TN	5/9	Truck accident	Styrene-butadiene (8500 gal.)	Creek
South Point, OH	5/3	Pipe leak	Urea (10,000 gal.)	River
Louisberg, TN	5/3	Loose dome lid on tank car	Furfural (15 gal.)	None
Bogalusa, LA	5/3	Truck accident	Isopropyl alcohol	None
Columbia, TN	5/2	Cooling tower	H ₂ O mixed with phosphorus pen- toxide (72,000 gal.)	Creek
Crosby, MS	5/2	Unknown	Pesticide (unknown amt.)	None
Appalachia, TN	5/11	Derailment	Sulfuric acid (6000 gal.)	River
Ashland, KY	5/11	Pipeline rupture	HCl acid & H ₂ O (126,000 gal.)	Creek
Spartan- burg, SC	5/1	Drainage system failure	Perchloroethylene (20 gal.)	Creek

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Rockingham, NC	4/26	Tank truck acci- dent	Dimethyl tereph- thalate (DMT) (1000 gal.)	Inlet
Spruce Pines NC	4/17	Train derailment	Ethylene glycol (14,000 gal.)	River
Irondale, AL	4/25	Train derailment	Dinitrochloroben- zotrifluoride (5186 gal.)	Inlet
Nashville, TN	4/27	Personnel error at industrial plant	Nitrogen solution (1000 gal.)	None
Charlotte, NC	4/28	Faulty gasket on tank truck	NAOH (100 gal.)	Inlet
Birmingham, AL	4/29	Unknown - RR car was smoking	Molten sulfur (unknown quan.)	None
Sidon, MS	4/29	Loose connection on RR car	Toluene (10 gal.)	Inlet
Montgomery, AL	4/17	Unknown	Methyl-vinylpyri- dine (unknown quan.)	Area evac- uated for 1000 ft.
Florence, KY	4/18	Truck accident	Methyl methacry- late	Inlet
Pikeville, KY	4/18	Broken line	Blackwater coal silt (400 gal.)	Stream

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Monterey, TN	4/18	Dumping industrial wastes	Industrial wastes (unknown quan.)	Stream	Fish kill in 2 ponds
Orlando, FL	4/19	Bushing failed in transformer	PCB (2 gal.)	Inlet	
Port Gibson, AL	4/17	Tank punctured in storm	Chlorophenolic Bioside (unknown quan.)	Swamp	
Dexter, GA	4/11	Broken hose while filling tank	NH ₃ NO ₃ (5000 gal.)	Stream	
Georgiana, AL	4/22	Train derailment	Aniline oil (unknown quan.)	Stream	
Bowling Green, KY	4/25	Train derailment	Toulene-diisocy- anate (unknown quan.) Anhydrous ammonia (unknown quan.)	Inlet	
Manchester, KY	4/9	Plant fire	Ammonia nitrate (unknown quan.)	Creek	
Athens, AL	4/10	Tank truck acci- dent	Temic-organo phos- phate (unknown quan.) Cobex (unknown quan.)	Inlet	
Knoxville, TN	4/11	Leaking valve on tank truck	Liquid hydrogen (500 gal.)	Inlet	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Gainesville, GA	4/11	Box car rolled in- to tanks	Mineral spirits (50 gal.) Trichloroethane (150 gal.) Isopropanol (300 gal.) 20 W Machine oil (50 gal.)	None
Knoxville, TN	4/11	Drum fell off train	Cyanide waste	None
Preston, KY	4/13	Train derailment	Hydrocyanic acid (unknown quan.)	Evacuation of 1 mile area
Atlanta, GA	4/11	Flooding at water treatment plant	PCB (None)	None
Anderson, SC	4/14	Leaking capacitor at ind. plant	PCB (3 gal.)	Land
Decatur, AL	4/14	Operator error at ind. plant	Liquid latex (750 gal.)	Ditch
Bowling Green, KY	2/28	Train derailment	Titanium dioxide (unknown quan.) NOS (unknown quan.) Pesticides (unknown quan.)	None
Cudlow, ?	3/31	Unknown	Blue Dye (unknown quan.)	River

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Institute, W. VA	4/1	Valve left open at ind. plant	Orthotoluene diamine (728 lbs.)	River
Hamlet, NC	4/3	Hole in rail car	HCl (62,700 lbs.)	None
Follumbee, W. VA	4/4	Unknown	Benzol waste water (unknown quan.)	River
Bruceton, TN	4/4	Rail car leak	Acetic acid (15 gal.)	None
Bowling Green, KY	4/5	Tank truck acci- dent	Cresylic acid (400 gal.)	Land
Waycross, GA	4/8	Valve leak on RR car	Phosphoric acid (unknown quan.)	None
Pikeville, KY	3/30	Ind. facility, sump failure	Black water (10,000 g)	Water
Pikeville, KY	3/29	Ind. facility, sump failure	Black water (5000 g)	Water
Cincinnati, OH	3/26	Ind. facility, pipe leak	Phenol (25,000 gal)	Water
Jackson- ville, FL	3/26	Train, car leak	Anhydrous ammonia	Air
Doraville, GA	3/31	Truck fire	Potassium permang- anate (1000 g)	Water
Vero Beach, FL	3/30	Truck wreck	Chemical mixture (100 g)	None

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Frost, OH	3/13	Train derailment	Orthotoluene (150,000 gal.)	Water	Some people hospitalized.
Decatur, AL	3/15	Train, car leak	Hexamethylenedia- mine	None	
Memphis, TN	3/19	STP, unknown dis- charger	Dicyclopentadiene (500 g)	Water	
Jackson- ville, FL	3/21	Train car leak	HCl (50 gal.)	None	
Cleveland, TN	3/22	Truck wreck	H ₂ SO ₄ (45,000 lb.)	None	
Donaldson- ville, GA	3/9	Train derailment	Rosin sizing (90,900 lb.)	None	
Clinton, TN	3/12	Storage facility, valve open	Industrial waste (14,000 gal.)	Water	
Vicksburg, MS	3/7	Ind. facility, fire	Chemicals	None	
Portsmouth, OH	3/7	Ind. facility, cylinder leak	Uranium hexaflour- ide (14,000 lb.)	Water	
Harriman, TN	3/9	Train derailment	Kaolin clay slurry (30,000 gal.)	Water	
Atlanta, GA	3/2	Train derailment	Compressed gas	None	
Putnam, TN	3/2	Train derailment	Ammonium nitrate (2000 lb.)	Water	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Tampa, FL	3/3	Train car leak	LPG	Air
Ft. Myers, FL	3/4	Train car leak	LPG	Air
Vicksburg, MS	3/4	Train derailment	NaOH, Acetone, Chlorine	None
Mobile, AL	3/4	Train car leak	Acrylonitrile	None
Russell, KY	3/5	Train car leak	Butyrcellosolose (16 gal.)	None
Florence, SC	1/29	Ind. facility, pipe leak	Dowtherm A (25 g)	Water
Dyersburg, TN	1/30	Storage facility, leak	Liquid fiberglass (1000 g)	None
Grayson, KY	1/30	Train derailment	Propylene, lp gas, acrlonitrile, pot- ash	Water
Chattanooga, TN	2/2	Truck wreck	HCl (600 g)	Water
Castle- berry, AL	2/2	Train derailment	NaOH	None
Russell, KY	2/2	Train car leak	Butyl acetate (6000 g)	None
Mobile, AL	2/6	Barge hit dredge	Naptha	Water

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Livingston, KY	2/9	Truck wreck	2-6 Dinitrile NN Dinormalpropal- trifluoroparatol- udine (42,000 lb.)	Water	18 deaths & injuries
Russell, KY	2/12	Train, lost con- tainer	Neoptently glycol dramylate (55 g)	None	
Greenville, SC	2/14	Truck leak	Alpharadiation	Air	
Angier, NC	2/14	Truck wreck	Chlordane (175 g)	Water	
Greer, SC	2/17	Ind. facility, valve leak	Ethylene glycol (3000 g)	Water	
Jackson- ville, FL	2/20	Train derailment	Phosphatic fertil- izer	None	
Louisville, KY	2/23	Ind. facility, tank rupture	HCl (11,500 g)	Water	
Wellford, SC	2/23	Ind. facility, drum leak	Caralid - IMP (40 g)	Water	
Waverly, TN	2/22	Train derailment	LP Gas	Air	
Morehead, KY	2/24	Truck wreck	Dichloroethyl ether	None	
Bonnie- ville, KY	2/26	Train derailment	Perchloroethylene	None	
Lexington, NC	2/27	Ind. facility, line leak	Chlorine bleach (1000 g)	Land	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Ashland, TN	2/28	Train derailment	Westflex HD Sol- vent (2250 lb.)	Water
Cloverport, KY	2/28	Train car leak	LPG	Air
Atlanta, GA	1/30	Train derailment	Caustic	None
Florence, SC	1/25	Ind. facility, overflow	Tetroethylene glycol (200 g)	Water
Laurinburg, NC	1/19	Train car leak	H ₂ SO ₄	None
Shorters, AL	1/18	Train wreck	Acetone, butyl- acrylate, NaOH, methylethyl ke- tone	None
Memphis, TN	1/18	Barge leak	Ethylene glycol	Water
Brunswick, GA	1/16	Ind. facility, holding pond overflow	Toxaphene	Water
Clinton, SC	1/14	Ind. facility, pipe leak	Nitrogen solution (4000 g)	Water
Swansea, SC	1/9	Truck leak	H ₂ SO ₄ (50 gal.)	None
Sharon, TN	1/7	Train derailment	Ammonium nitrate (300 lb.) Lube oil (500 g)	Water

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Chester, SC	1/2	Train derailment	Terephtalic acid (2000 lb.)	None
Memphis, TN	12/30	Ind. facility, spill while off- loading	Pentachlorophenol (1300 g)	Water
Marianna, FL	12/29	Train car leak	Anhydrous ammonia	Air
Lexington, KY	12/22	Ind. facility, line leak	Oil & trichloro- ethylene (500 g)	Water
Athens, TN	12/17	Truck wreck	Sulfanite (2100 g) Bentonite & amines (10,000 lb)	Water
Greer, SC	12/15	Truck burned	Varsol (500 gal.)	None
Fairmont, GA	12/16	Train derailment	Boxite (None) Acrylonitrile (7500 gal.)	Creek
Greenville, SC	12/27	Truck accident	Polyethylene (1100 lbs.)	None
Chattanooga, TN	12/15	Negligence	PCB (1 gal.)	None
Russellville SC	12/23	Overfilled tank	Phenol formal- dehyde (200 gal.)	Creek

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Greensboro, NC	12/15	Leaching from dike	2-ethylhexanol	Storm Sewer	
Acworth, GA	12/24	Train derailment	HCl Acid (8000 gal.)	None	
Fairmont, GA	12/16	Train derailment	Bauxite (2 cars) Ammonium nitrate (1 car)	Creek	
Sparta, KY	12/10	Train derailment	Acetone phenol (0 gal.)	Creek	
Durham, NC	10/30	Truck accident	Dowtherm (3781 gal.)	Creek	
Townsend, GA	11/5	Train derailment	Rock phosphate	None	
Pensacola, FL	11/9	Train derailment	Anhydrous ammonia	Air	16 hospital- ized, 1 dead
Henderson, KY	11/8	Train derailment	Polyvinyl chlor- ide (60,000 lb.)	Water	
Louisville, KY	11/11	Ind. facility, nozzle leak	HCl (5600 gal.)	Water	
Talladega, AL	11/11	Train derailment	Phosphate (28,000 g)	Water	

REGION IV

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Pikesville, KY	11/14	Ind. facility, pump failure	Blackwater (1000 g)	Water	
Barney, AL	11/14	Train derailment	Asphalt, oil, soda ash, perlite, waste paper	Water	
Savannah, GA	11/15	Ind. facility, valve blew	Potassium carbon- ate (300 g)	Water	
Decatur, AL	11/16	Train derailment	Waste paint Xylene	None	
Red Bank, TN	11/19	Truck leak	Nitrogen fertil- izer (5800 g)	Water	Fish kill
Charlotte, NC	11/20	Ind. facility, gauge broke	HCl (400 g)	None	
Baldwin, FL	11/23	Train car leak	Anhydrous ammonia	Air	
Pikeville, KY	11/26	Train derailment	Coal	None	

SUMMARY

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
179	11	190	<table><tr><td>Storage</td><td>30</td></tr><tr><td>Trucks</td><td>35</td></tr><tr><td>Rail</td><td>39</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/Industrial Fac.</td><td>18</td></tr><tr><td>Waste Disposal</td><td>7</td></tr><tr><td>Treatment</td><td>2</td></tr><tr><td>Pipeline</td><td>12</td></tr><tr><td>Fire</td><td>4</td></tr><tr><td>Capacitor/Transformer</td><td>9</td></tr><tr><td>Unknown</td><td>26</td></tr><tr><td>Miscellaneous*</td><td>7</td></tr><tr><td>TOTAL</td><td>190</td></tr></table>	Storage	30	Trucks	35	Rail	39	Aircraft	0	Ship/Barge	1	Manufacturing/Industrial Fac.	18	Waste Disposal	7	Treatment	2	Pipeline	12	Fire	4	Capacitor/Transformer	9	Unknown	26	Miscellaneous*	7	TOTAL	190
Storage	30																														
Trucks	35																														
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TOTAL	190																														

* Automobile (2), Drilling (3), Tornado (1), Paint Spill (1).

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Belleville Ohio	1/1/78	Tank car rupture	52% H_2O_2 ; 4539 gals.	Land	Dillution with H_2O
Adams County Monroe Indiana	1/4/78	Refilling tank	28% liquid nitrogen 15 tons	Land	Pumped mater- ials out of ditch
Whirlpool Clyde, OH	1/5/78	Broken sewer line	H_2SO_4 ; 450 gals.	Water Raccoon CR.	
Ashland Chemical Co. Willow Springs Illinois	1/6/78	Broken hose on tank truck	H_2SO_4 ; unknown	Water DesPlaines River	Diluted with H_2O
Shell Oil Benton Harbor, MI	1/12/78	Leak in tank truck	Diacetone; 4000gal alcohol	Water unnamed or.	Contained
Conrail Tracks M.P.168.7 Mansfield Ohio	1/24/78	2 derailed tank car	DiNitrotoluene 20,000 gal.	Land	Contained

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Wastewater Plant Springfield, Ohio	1/26/78	Equipment failure	Waste water; unk.	Water(unk)	
Western Electric Columbus Ohio	1/31/78	Overflow of cooling system	Chromium water; unknown	Unknown	
Ortoragon, Michigan	1/31/78	Cracked Dike	Sludge; Unknown	Sludge;unk.	Dike repaired
Gofar Mfg. Muskegon Michigan	2/4/78	Faulty valve on tank truck	2000 gal of mixed chem.sol. 37%Diethyl Ketone 51%4-Nitrot Oxylene 8% Diethyl Carbonyl	Land	
Chesapeake & Ohio Railroad Baldwin, ME	2/4/78	Train derailment	Methylene Chloride Propylene Oxide Phenol HCl	Land	R.R. handled cleanup
Bellville R.R. Yard Chicago, IL	2/4/78	Leak from tank car	H ₂ SO ₄ , 11,000 gal	Land	Limestoned area

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Reynolds Metal Grand Rapid, MI	2/6/78	Equipment failure	37% H_2SO_4 ; 300gal.	Land	IEPA and NRC informed
Wayne, MI	2/8/78	Sewer Discharge	Methyl-n-Butyl Ketone	Unknown	
R.R. Yard Decatur, IL.	2/9/78	Leaking Tank Car	Pyridine	Land	
HWY 54 Gibson City ILL.	2/9/78	Truck Accident	Spent fuel rods (radioactive) Unknown	Land	
Horween Leather Chicago, IL	2/14/78	Unloading accident	Chemical mixture unknown	Land	
Reynolds Metal Grand Rapids MI.	2/15/78	Tank overflow	35% Phosphoric Acid 200 gal.	Land	Contractor cleanup

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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I-70 MP 64 Plainsfield Ind.	2/17/78	Truck Accident	Ammonia; unknown	Land	Contractor cleanup
M.P. 156 Kenney, ILL	2/17/78	Train Derailment	Isoprpanol, 34 tons	Land	No injuries
Fieldsburg OH	2/17/78	Overflow of tank	NaOH;1000 gal	Trib to L. Erie	
HWY I-57 M.P. 85 Mt. Vernon ILL.	2/18/78	Truck overturned	Butyl Alcohol 30 gal	Land	No action
Gulf R.R. Chatham, ILL.	2/19/78	Train derailment	Butyl Alcohol 500 gal.	Land	People evac- uated
Northern Ohio Sugar Co. Finley OH	2/22/78	Holding pond overflow	Waste material	Land	

REGION V

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Carbondale ILL	2/22/78	Train derailment	Alkaline-Corrosive empty	Land	Non leaking vinyl chlor- ide tank car, people evacu- ated
Wausau, Wis	2/22/78	Leak in tank truck	Latex; 5000 gal.	Land	
Williams Pipeline Morgan IND	2/22/78	Pipeline leak	28% Nitrogen fertilizer/25 barrels	Land	Vacuum Truck Recovered 15 Bbl.
Hampton R.R. Yard Milwaukee Wisc.	2/24/78	Leak in tank car	Ethyl Benzene; unk	Land	2 people hos- pitalized
Champion Intl. Hamilton OH	3/1/78	Missdirected flow	Latex; 100 gal	Grand Miami River	Plugged weir and filters
Consumer Power S. Haven IL	3/2/78	Intentional Discharge	Pottassium Chromate unk.	L. Michigan	No action

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Conrail Crestview OH	3/5/78	Leak in R.R. tank car	Ethyl Mercaptan unk.	Air	
Anchor Ave. Summit, IL	3/9/78	Tank Truck Acc.	Methyl Ethyl Ketone 1500 gal.	Unk. Creek	
Saginaw Bay, MI	3/10/78	Unknown	Process Waste from Sugar Co. 2000 gal.	Saginaw Bay	Unknown source
Ford Motor Co. Dearborn MI	3/10/78	Unknown	Unknown	Rouge	Unknown slick
I-55 Elkart IND	3/10/78	Unknown	Titantium Tetrachloride 55 gal.	Land	
Steubenville OH	3/14/78	Tank Explosion	4 Chlorine gas tanks HTH-Cahypochlorite Sufuric Acid Unkn quantity	Air/Water	
MP 177 Chessie Frost OH	3/14/78	Derailment	Ortho-Toludiene 19,000 gals.	Hocking Riv	Major spill response carcinogen

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Asphalt Mat Indianapolis IND.	3/16/78	Overflow of tank	Naptha; 50 gal	Land	
Minn.Power Light Cloquet MIN	3/16/78	UNK.	Black substance unk.	St. Louis	
Barstow Yd Silvis, ILL	UNK	Leaking valve on tank car	Naptha unk	Land	
Shell Chem Co.Bellpre OH	3/20/78	Seal ruptured pit overflow	Styrene; 100 gal	Ohio River	Booms on River
Ford Saure, MI	3/20/78	Leak in sludge lagoon	Metal Hydroxides unk.	UNK.	Contained in dike area
Browning Ferris Monroe MI	3/22/78	Leaching from landfill	UNK	Silver Cr	
Dow Chem Midland MI	3/21/78	Leak in Pipeline	Benzene; 1000 gal	Land	No injuries
Grand Rapid MI	3/23/78	Train Derailment	Hydrogen Chloride Methyl Alcohol	Land	No apparent leakage

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Canton OH	3/24/78	Auto accident	Transformer oil 30 gal.	Land	
PPG- Martinsville W. Virginia	3/25/78	Spill into Ohio River	Monochloride Benzene 17,000 gal Perchloride Benzene 1,500 gal	Ohio River	Tracking and sampling spill
Cincinnati OH	3/26/78	Pipe rupture	Phenol 25,000 gal	Mill Creek	Tracking and sampling spill
Silver Lake Ext. Brighton MI	3/30/7-	Truck tank rupture	Waste Product 47% sulfuric 3-5% ortho- chloroaniline	Huron Riv	
Army Grnds Kingsburg IN	3/31/78	Explosion/Fire	Unknown Cl, CN, SO ₂ 200,000 gal of chem	Air/Land	Major cleanup with poisonous gas cloud evacuation
College Corner Oxford OH	4/6/78	Equipment failure	Metal Hydroxide Sludge 5000 gal	Small Creek	No cleanup
Monroe MI	4/2/78	Equipment failure	Bacteriacide	Lake Erie	Fish kill

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Consumer Power Covent MI	4/5/78	Discharge to Lake	Sodium Hypochlorite 500 gal.	L. Michigan	No injuries
Conrail Smithsboro OH	4/9/78	Leaking tank car	Anhydrous Ammonia vapors	Air	
Commonwealth Ed. Chicago IL	4/11/79	Dropped container on floor	PCB, 15 gal	Land	
Ohio Power Co. Canton OH	4/14/78	Rupture of capacitor	PCB, 5 gal	Land	
Chessie System Waldbridge OH	4/14/78	Derailment	Benzene;unk	Land	
Dow Chem Midland MI	4/17/78	Tank truck acc.	Benzene; 6000 gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Durand MI	4/19/78	unk.	Black material H ₂ O soluble unk	Three Mile Creek	
Soix Falls Minn	4/20/78	Train derailment	Ammonia; unk	Land	R.R. Personnel cleanup
Mason, Mich	4/22/78	Drilling Accident	Unknown foam	Sycamore CR	
Trent Tube Elkhorn Wis	4/25/78	Broking line on tank	HNO ₃ ; 600 gals	Land	
I-69 MP 60 Charlotte, Mich.	4/25/79	Truck accident	Antifreeze; unk.	Linaned Cr	
Evansville IND	4/26/78	Open valve	Plasticizer; 4000 gal.	Storm Sewer	Went to STP
Cleveland OH	5/1/78	Oven fill of tank	Oluem; 150 gal	Land	
Ford Motor Co. Lorain OH	5/1/78	Overfill	Cleaning Solution unk.	Quarry Cr	
HWY 97 Gilson ILL	5/2/78	Truck accident	28% Nitrogen Fertilizer 2000gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Charleston ILL.	5/2/78	Fire in Maint. Shed	Pesticides unk	Emprass Riv	Pesticides washed into creek
MayvilleIll	5/2/78	Truck accident	Sugar solution 1500 gal.	Land	
Royal Drain Grandville Mich	5/2/78	Unk	Unk	Roual Drain	Fish kill
Watero'liet	5/4/78	Dike failed	Waste water 3.8 mill. gal	PawPawRiv	
DeurquatOH	5/5/78	Hose Rupture	Anhycl Ammonia 20 tons	Land	Driver injured

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Ithica MI	5/8/78	Unk	Unk	UnkLake	Fish kill
Flint MI	5/9/78	Unk	Unk	Flint River	Slick
OhioPower Co. Canton OH	5/11/78	Ruptured Capacitor	PCB;2.7 gal	Land	
Bean Mich	5/11/78	Train derailment	Benzene unk	Land	
Chevrolet Flint Mich	5/11/78	Transformer Rupture	PCB 15 gal	Flint River	
Toledo OH	5/15/78	Dike rupture	Coke and Salt unk	Maumee Riv	
Battlecreek Mich	5/15/78	unk	Zinc solution unk	Kalamazoo River	
Fostoria OH	5/16/78	Capacitor explos	PCB 5 gal	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Bay Co MI	5/17/78	Truck accident	67% Asphalt 33% Water 4% Emulsifier 700 gal	Dutch Cr	Fire Dept. hosing down
Peru IND	5/18/78	Train accident	98% Nitric Acid	Land	
Allied Chem Savage MN	5/18/78	Tanker truck failure	Liquid fertilizer Poly-N 10% Nitrate 34% Phosphate 5% Iron; 500 gal	Minnesota River	
Canton OH	5/19/78	Capacitor rupture	PCB; 2 gal	Land	
Howell Yd Evansville IND	5/19/78	Train derailment	LP gas; unk	Air	
Avco, MI	5/19/78	Train derailment	Butane	Air	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Batavia OH	5/22/78	Truck explosion	Propane	Air	
Kalamazoo MI	5/22/78	Capacitor rupture	PCB; 1-2 gal	Land	
Chicago IL	5/17/78	Punctured drum	CR ⁻ ; unk	Land	
Akron OH	5/22/78	Tank collapse	CuSO ₄ ; 35,000	Unk Lake	Major cleanup
Michigan City IND	5/23/78	Tank truck acc.	Acetone 2300 gal Solvent 4500 gal	Land	
Effingham ILL	5/25/78	Pipeline Rupture	28%N-Fertilizer 50 BBL	Land	
Argonne IL	5/28/78	Train derailment	CaCl HiMetal Paint Alcohol	Land	
Tiskilus IL	5/31/78	Train derailment	Sulfur	Land	
Detroit MI	5/31/78	Tanker expls	TDI; unk	unk	12 firemen hospitalized

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Whiting IND	6/1/78	Truck accident	Hydrogen gas 126,000 cu. ft.	Air	Driver killed
CasperCo.IL	6/1/78	Pipeline rupture	Ammonium Nitrate 2 or 3 BBL	Land	
Allied Chem Metropolis IL	6/1/78	Train accident	V ₃ O ₈ oxide 92 drums	Land	Radioactive material
OttawagoILL	6/1/78	Unk	Unk	Crockery Lk	Fish kill
WatrectyMI	6/1/78	Pond Leak	Lt. Blue Matl unk	Huron River	
Wellesville OH	6/1/78	Unk	PCB; 1 1/2 gal	Land	
Mellrose Park ILL	6/1/78	Tank overflow	Paint Pigments unk	Silver Cr	
I-70 MP96.5 Greenfield IN	6/5/78	Tank truck acc.	Flammable Resin 5500 gal	Land	
MulberryIN	6/5/78	Unk	N,PO ₄ ,K unk	Land	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Roanne IN	6/2/78	Storage tank rupture	28% N-Fertilizer 100 tons	Swamp
Heath OH	6/7/78	Derailment	Vinyl Chloride unk	Land
Mineral Ridge OH	6/7/78	Tornado	Dichlorophenoxy- acetic acid pesticides 1500gal	Storm Sewer
Union Term Cincinnati OH	6/12/78	Train accident	Flammable material 55 gal	Land
Marseilles IL	6/12/78	unk	Hot liquid sulfur 50 tons	Illinois Riv
Francisville IN	6/14/78	Leak in pipe	Fertilizer 500 gal	Water
Athens OH	6/14/78	Unknown	Cleaning sol. 50,000 gal	Water
Reserve Mining Babbitt MN	6/13/79	Leak in Transformer	PCB; ½ gal	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Williams Pipeline AnnapolisIN	6/15/78	Pipeline rupture	Urea; 1 BBl	Land	
Akron OH	6/20/78	Tank Leak	50% Caustic 546 gal	Water	
Ford Motor Co. DearbornMI	6/20/78	unk	unk	Rouge River	Fish kill
St., MN	6/22/78	Tank car leak	Diacetic junk	Land	
Niles OH	6/22/78	Tank overflow	Caustic soda unk	Mohoning R	
Wayne City IN	6/22/78	Leak in storage tank	28%liq. N-fert 2000 gal	Water	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
TerreHaute IND	6/23/78	Pipeline rupture	28% Liq. N-fert 5 BBL	Land
Anna OH	6/28/78	Train derailment	NaOH	Land
Morrill OH	6/29/78	Storage tank leak	28% Liq. N Fert 1100 gal	Land
Freemont OH	7/2/78	Auto accident	PCB; 2 qt	Land
Belleville Mich	7/4/78	Unk	Green substance/ unk	Belleville R
Muskegon MI	7/4/78	Unk	Chemical 15 gal	Land
OhioJctOH	7/7/78	Train derailment	Liquid Cl, unk	Land
Chesterfield IN	7/7/78	Tank truck acc	Battery acid; 1200# HCl 200#	White River
Mt. Vernon IN	7/9/78	Train derailment	Cl gas	Air

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Cardington OH	7/11/78	Plant fire	Liquid Latex unk	Water	
Lewis, Ind.	7/12/78	Train derailment	Battery Acid	Land	
Lansing MI	7/14/78	Leak in storage tank	Vertan; 300 gal	Grand River	
Trent Tube East Troy WI	7/14/78	Leak in storage tank	20% Hydrofluric acid; 50 gal	Land	Add soda ash
Edgewood ILL	7/14/78	Pipeline Leak	28% Liquid N-fert	Land	
LocklandOH	7/17/78	Tank overfill	Flammable solvent 100 gal	Water	
Roachdalle IN	7/19/79	Train derailment	Sodium Bichronate	Land	
RobinsonILL	7/19/78	Leak in tank	Caustic2,299,000 gals	Water	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Nottawa MI	7/21/78	Truck accident	Ca + MgCl Brine 100 gal	River
OHare Airpt Chicago ILL	7/21/78	Unk	Etiological agent unk	Land
Jasper CoIL	7/21/78	Pipeline Leak	28% Liq-n-Fert 12 BBLS	Land
ChicagoILL	7/24/78	Truck accident	Benzel; 25 gal Karmex; 110H	Calument Lk
Jackson MI	7/26/78	Truck accident	Paint; 5000 gal	Land
Milwaukee Wisc	7/27/78	Capacitor leak	PCB; 1 gal	Land
Evansville IND	7/30/78	Train derailment	LP gas	Air
WoodaleILL	Unk	Unk	Hcl; H ₂ SO ₄ unk	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Sturteuant Wisc.	8/1/78	Leaking tank car	Petroleum, Naptha unk	Land
Woodfield OH	8/1/78	Unk	Herbicide; 70 gal	Land
Massilon OH	8/1/78	Overfill of tank	Nitric acid; HF unk	Water
Collinsville ILL	8/6/78	Train derailment	LP gas; 2000 gal	Air
Dayton OH	8/8/78	Leaking tank car	Nitric acid; unk	Land
Massilon OH	8/9/78	Tank truck acci.	Sulfuric acid 60 gal	Water
Coshocton OH	8/10/78	Intentional discharge	Calcium Carbonate 50,000 gals	Tuscarawas R
Euclid OH	8/11/78	Unk	PCB; 4 gal	Land
Three Rivers MI	8/10/78	Sewerage outfall	Perchloro Ethylene	St Joseph R

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
E.Chicago IN	8/13/78	Ruptured storage tanks	FSO butane	Land	2 injuries
Dayton OH	8/23/78	Leak in tank truck	20% HCl	Land	
Kingsville OH	8/25/78	Leak in truck	Phosphorous Tri-chloride 3100 gal	Land	
Haywoard MN	8/25/78	Truck accident	28% liq-n-fert	Land	
Lansing MI	8/28/78	Unk	Herbicide unk	Land	
Fayette Co IND	8/28/78	Pipeline rupture	28% liq-n-fert 15 BBL	Land	
Wyandotte MI	8/28/78	Overfilled tank	Sulfur monochloride unk	Water	
KalamazooMI	8/28/78	Intentional dump	Paint; 28 gal	Water	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Alma Wisc	8/28/78	Train derailment	Anhydrous ammonia	Water
Reserve Mining Babbit Wisc	8/28/78	Capacitor rupture	PCB, unk	Land
Battlecreek MI	8/29/78	Warehouse fire	Unk	Land
Clay IN	8/30/78	Pipeline rupture	28% liq-n-fert	Land
Reserve Mining BabbittMIN	8/30/78	Transformer leak	PCB; 5 gal	Land
Peoria ILL	9/1/78	Unk	PCB; unk	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Linden Rd	9/6/78	Train derailment	Phosphorous unk	Land	Fish kill
Gallopolis OH	9/8/78	Discharge	Unk	Water	
Toledo OH	9/11/78	Car leak	Phosphorous Trichloride	Land	
SouthPortOH	9/11/78	Overflow of tank car	Formaldehyd 4800#	Ohio River	
GenevaOH	9/11/78	Tank failure	Alkaline Cleaner 2100 gal	Water	
Greensprings OH	9/14/78	Heat exchanger failure	Anhydrous ammonia 900#	Water	
Youngstown OH	9/14/78	Equipment failure	Flushing liquor 6000 gal	Water	
Gallion OH	9/20/78	Truck accident	2-4-D Amine 300 gal	Water	

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
NewAlbany IND	9/21/78	Tank leak	Acetic acid Chromic Chloride 300 gal	Land
Willard OH	9/22/78	Valve leak	Ethyl acrylate unk	Land
Newaygo MI	9/23/78	Unk	Ethyl glycol	Land
Walton Hills OH	9/29/78	Unk	Chemical unk	Water
Pekin ILL	9/30/78	Train derailment	LP gas, unk	Air

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Dillsboro IND	1/28/78	Train derailment	Petroleum oil, vinyl chloride, naphtha, LPG, cresylic acid, monoethylamine, methyl acrylate	Land
Stow, OH	2/28/78	Storage tank	Crude oil/brine 84 gal	Land
S.EatonCo. MICH	3/21/78	Tank truck accident	Fuel oil/paint-unk	Land
LocklandOH	4/8/78	Storage tank leak	Alkyl acetate/oil --unk	Sewer, Unnamed cr
Wood River ILL	4/10/78	Barge spill	Lighter fluid--42g	Mississippi River
SeymourIND	4/15/78	Storage facility	Many, some oils-unk	Unnamed cr
Green Bay WISC	5/18/78	Plant spill	Mineral oil, tallow ester, aromatic sol. 50 gal	Green River
Jefferson Co. WISC	5/30/78	Truck spill	Ammonia, atrozenes Lasso--unk	Land

REGION V

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Trumbell Co. OH	8/3/78	Well spill	Oil/brine 3000 gal	Land
Flat Rock ILL	9/7/78	Well leak	Oil/brine -- unk	Sugar Cr
Carmi, ILL	9/15/78	Unk	Oil water/sewage unk	trib to Wabash River

SUMMARY

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
109	6	115	<table><tr><td>Storage</td><td><u>13</u></td></tr><tr><td>Trucks</td><td><u>20</u></td></tr><tr><td>Rail</td><td><u>57</u></td></tr><tr><td>Aircraft</td><td><u>0</u></td></tr><tr><td>Ship/Barge</td><td><u>5</u></td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td><u>0</u></td></tr><tr><td>Waste Disposal</td><td><u>8</u></td></tr><tr><td>Treatment</td><td><u>0</u></td></tr><tr><td>Pipeline</td><td><u>1</u></td></tr><tr><td>Fire</td><td><u>2</u></td></tr><tr><td>Capacitor/ Transformer</td><td><u>0</u></td></tr><tr><td>Unknown</td><td><u>1</u></td></tr><tr><td>Miscellaneous*</td><td><u>8</u></td></tr><tr><td>TOTAL</td><td><u>115</u></td></tr></table>	Storage	<u>13</u>	Trucks	<u>20</u>	Rail	<u>57</u>	Aircraft	<u>0</u>	Ship/Barge	<u>5</u>	Manufacturing/ Industrial Fac.	<u>0</u>	Waste Disposal	<u>8</u>	Treatment	<u>0</u>	Pipeline	<u>1</u>	Fire	<u>2</u>	Capacitor/ Transformer	<u>0</u>	Unknown	<u>1</u>	Miscellaneous*	<u>8</u>	TOTAL	<u>115</u>
Storage	<u>13</u>																														
Trucks	<u>20</u>																														
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Fire	<u>2</u>																														
Capacitor/ Transformer	<u>0</u>																														
Unknown	<u>1</u>																														
Miscellaneous*	<u>8</u>																														
TOTAL	<u>115</u>																														

* Cylinder Leaks (1), Loading Dock Incident (1), Well Blowout (1), Hose Leak (1), Warehouse (1), Leaking Canister (1), Trailer Leak (1).

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Carthage, TX.	9/23/78	Traffic Accident	Isopropyl Alcohol 20 gal	Land	
Alpine, TX.	9/27/78	Railroad Tank Car Leak	Styrene, Unknown	Land	
Motter, TX.	9/18/78	Train Derailment	ITH, Unknown	Land	
Eldan, TX.	9/16/78	Train Derailment	Caustic Soda, Isocyanate, Unknown	Land	
Fargo, OK.	9/11/78	Traffic Accident	Spent Uranium, Unknown	Land	
Texarkana, TX.	9/13/78	Railroad Tank Car Leak	LPG, Unknown	Air	
Ft. Worth, TX.	9/6/78	Tank Leak	Chlorine Gas, Unknown	Air	Two persons injured
Orange Co., TX.	8/31/78	Traffic Accident	Polyethylene Pellets, Unknown	Land	
Grandbury, TX.	9/1/78	Traffic Accident	Hydrochloric Acid, 50 gal.	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Grand Chenier LA.	9/5/78	Tank damage from storm	Glycol, 15 gal.	Land
Eagle Mills AR.	8/24/78	Train Derailment	Vinyl Acetate, Unknown	Land
Stanford, TX.	8/24/78	Cylinder Leaks	Hydrocyanic Acid, 150 lbs.	Air
El Paso, TX.	8/28/78	Tank Car overfill (truck)	Styrene	Land
Belen, NM.	8/29/78	Tank Car overfill (R.R.)	Sulfuric Acid, 1 quart	Land
Houston, TX.	8/16/78	Unknown	Paint Thinner, 5 gal.	Land
Belen, NM.	8/24/78	Leaking Tank	Xylene, 50 gal.	Land
Laporte, TX.	8/14/78	Drum Break	Butyl Isocyanate, 50 gal.	Land
Hearne, TX.	8/14/78	Disposal Pit Overflow	Organic Material, Unknown	Little Brazos River

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Albuquerque, NM.	8/8/78	Tank Leak	Sulfuric Acid, 2 quarts	Land
Lake Charles LA.	7/31/78	Traffic Accident	Ethylene Glycol 3,000 gal.	Land
Rayville, LA	8/1/78	Tank Leak	Galecron (pesticide) 1,200 gal.	Land
Houston, TX	8/2/78	Tank Car Leak (R.R.)	Propylene, Unknown	Air
Zuni, NM.	7/31/78	Traffic Accident	Bituminous Material, 64,000 gal.	Land
Longstreet, LA.	7/31/78	Tank Car Leak	Hydrochloric Acid, Unknown	Land
Beaumont, TX.	7/24/78	Train Derailment	Plastic Resin, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Natchez, LA.	7/11/78	Barge Accident	Sulfuric Acid, None	None
Flatonia, TX.	7/11/78	Traffic Accident	Carbon Tetrachloride, Land 6,500 gal. Freon, 3,000 gal.	
Smith, OK.	7/7/78	Tank Car Leak (R.R.)	Hydrochloric, Acid, Land Unknown	
Sheppard, TX.	7/11/78	Traffic Accident	Formic Acid, Unknown	Land
Waveland, AR.	7/2/78	Train Derailment	Cyclohexane, Pentachlorophenol, Naptha, Unknown	Land
Wichita Falls, TX.	7/4/78	Traffic Accident	Nitric Acid, 46,000 lbs.	Land
Longview, TX.	7/3/78	Train Derailment	Acetone, 440 gal.	Land, Air
Albuquerque, NM.	7/6/78	Drum Leak	Sulfuric Acid, 55 gal.	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Pine Bluff, AR.	7/6/78	Tank Car Leak (R.R.)	Vinyl Acetate, Unknown	Land
La Porte, TX.	6/23/78	Tank Car Leak (R.R.)	Vinyl Acetate, 25 gal.	Land
Dallas, TX.	6/23/78	Leaking Drums	PCB, 42 gal.	Land
Channelview, TX.	6/29/78	Barge Overfill	Styrene, 5 gal.	San Jacinto River
Sunray, TX.	7/1/78	Train Derailment	Ammonia, Unknown	Air
Sanderson, TX.	6/19/78	Tank Car overfill (R.R.)	Ammonia, Unknown	Air
Ft. Sumner NM.	6/24/78	Tank Car Leak	Styrene, Unknown	Land
Sweeney, TX	6/15/78	Pipe Line, Rupture	Benzene, Unknown	Land
Beaumont, TX	6/17/78	Train Derailment	Hexamethylene Diamine, Unknown	Land
Hammond, LA	6/18/78	Train Fire	Ammonia Nitrate, Unknown	Air

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Rison, AR.	6/11/78	Tank Car Leak(R.R.)	Isopropyl Alcohol, Unknown	Land
Ennis, TX.	6/3/78	Tank Car Leak	Hydrochloric Acid, 200 gal.	Land
Harris Co., TX.	6/5/78	Barge Leak	Styrene, 420 gal.	San Jacinto River
Texas City, TX.	5/30/78	Tank Battery Fire	Tetraethyl Lead, Unknown	Air
Clouis, NM.	6/1/78	Drum Leakage	Epichlorohydrin, Unknown	Air
Unknown	6/1/78	Tank Car Hose Break (R.R.)	Hydrochloric Acid, 3,000 gal.	Land
El Paso, TX.	6/2/78	Tank Car Overfill (R.R.)	Sulfuric Acid, 30 gal.	Land
Maumelie, AK	5/22/78	Train Derailment	LPG Residue, Unknown	Maumelle Creek
Belen, NM.	5/27/78	Drum Leakage	Ethyl Acrylate, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Weldi, OK.	5/26/78	Traffic Accident	Fertilizer, 6 tons	Cow Creek
Sanderson, TX.	5/25/78	Train Car Leak	Ethyl Acrylate, Unknown	Land
Morehouse Parishes, LA.	5/19/78	Storage Tank Rupture	Aluminum Sulfate 35,000 gals.	Horse Bayou
Nacogdoches, TX.	5/14/78	Train Derailment	Acetic Acid, Propy- lene Oxide, Buta- diene, Unknown	LaHana Creek & Air
Appliby, TX	5/15/78	Tank Car Leak(R.R.)	Phosphorus Tri- chloride, Unknown	Land
Unknown	5/17/78	Barge Hose Break	Phosphoric Acid, 100 gal.	Mississippi River
Brownsville TX.	5/17/78	Train Derailment	Alcohol, 300 gal.	Land
Riser, AR.	5/9/78	Discarded Drums	Methyl Maghesium Chloride, 55 gal.	Land
Ft. Worth, TX.	5/6/78	Storage Tank Rupture	Hydrochloric Acid, 6,000 gal,	Sewage Treat ment Plant

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Wharton Co., TX.	5/5/78	Tank Car Leak (R.R.)	Vinyl Acetate 2,000 gal.	Land	
Mena, AR.	5/7/78	Trailer Leak	Nitric Acid, 55 gals.	None	
Cleveland, TX.	5/8/78	Traffic Accident	Vinyl Acetate, 1,000 gal.	Land	
Hillsboro, TX.	5/1/78	Tank Truck Rupture	Fertilizer 4,000 gal.	Land	
Malvern AR.	4/26/78	Tank Truck Leak	Methanol, 100 gal.	Land	
Altheimer, AR.	4/26/78	Leaking R.R. Tank Car	Hexane, 1 gal.	Land	
Dallas, TX.	4/28/78	Leaking Canaster	Chloropicrin, Unknown	Land & Air	1 man hospi- talized
Brinkley, AR.	5/2/78	Train Derailment	Phosphoric Acid, 9,000 gal.	Land	
Cornell, TX.	4/24/78	Train Derailment	Ethylene Glycol, 2 gal.	Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Beardon, AK.	4/15/78	Train Car Leak	Ethyl Chloride, Unknown	Land & Air
Bradley, AR	4/18/78	Train Car Leak	Alcohol, 3 gal.	Land
Stuttgart, AR.	4/18/78	Train Car Leak	Methanol, Unknown	Land
West Memphis AR.	4/12/78	Train Derailment	Propane, 6 gals.	Air
Benton Spring AR	4/12/78	Train Derailment	NH ₄ NO ₃ (solid) 12,000 gals.	Land
Bay City, TX.	4/14/78	Tank Leak	Vinyl Acetate, 80 gals.	Colorado River
Crassett, AR.	4/7/78	Transformer Leak	PCB, 40 gal.	Land
Rincon, NM.	4/8/78	R.R. Tank Car Leak	Sulfuric Acid, Unknown	Unknown
Marathon, TX.	4/6/78	R.R. Tank Car Rupture	Sulfuric Acid, Unknown	Land

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Somerville, TX.	4/7/78	Train Derailment	Propionaldehyde, 1,000 gal.	Land
Thornton, TX.	3/31/78	Train Derailment	Ethylene Dibromide, 11,586 gal.	Land
Lewisville, AR.	3/29/78	Train Derailment	Polyvinyl Chloride, 43,000 gal. Tetrahydrofuran 43,000 gal.	Land
Texarkana TX.	3/6/78	Tank Overflow	Chromic Acid, 20 gal.	Land
Muskogee Co., OK.	3/21/78	Tank Truck Hose Leak	Cyclohexane, 300 gal.	Arkansas River
Weimar, TX.	3/12/78	R.R. Tank Car Leak	Aniline Oil, 50 gal.	Land
Justin, TX.	3/9/78	Train Derailment	Butyl Acetate, 16,000 gal. Solvent, 16,000 gl. Alcohol, 16,000 gl. Styrene, 16,000 gl.	Land
Wicksburg , MS.	3/7/78	Fire & Plant Explosion	Methyl Parathion Unknown	TN. Bayou, Air

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Dallas, TX.	3/4/78	Traffic Accident	Banuel (herbicide) 0.5 gal.	White Rock Creek	
Roger Co., OK.	3/4/78	Loading Dock Accident	Anhydrous Ammonia, 300 lbs.	Verdigras River	
Liverpool, TX.	2/25/78	Train Derailment	Butyl Acetate, Isobutyl Alcohol, Phenol, Unknown	Chocolate Bayou	
Little Rock, AR.	2/28/78	Tank Truck Leak	Acetonitrile, 1 gal.	Land	
Arkansas	2/14/78	Barge Accident	Ethylene Glycol, 126,000 gal.	Land	
Wynne, AR.	2/10/78	Train Derailment	Acetaldehyde, 290,000 gals.	Copper Creek	
Longview TX.	2/4/78	Train Derailment	Methyl Alcohol, 16,000 gals.	Air & Land	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Farmerville, TX.	2/7/78	Train Derailment	LP Gas, 25,000 gals.	Air
Arkansas	2/1/78	Traffic Accident	Ethyl Acrylate, 500 gals.	Water Unknown, Street
Dimmit Co., TX.	2/4/78	Well Blowout	Hydrogen Sulfide, Unknown	Air
Hondo, TX.	1/24/78	Traffic Accident	Fertilizer 3,800 gals.	Land
Ft. Worth, TX.	1/16/78	Tank Overflow	Sulfuric Acid, 50 gals.	Trinity River
Rosenberg, TX.	1/4/78	Train Derailment	Boric Acid, Unknown	Land
Clouis, NM.	1/6/78	R.R. Tank Car Leak	Anhydrous Ammonia Unknown	Air
Devers, TX.	1/1/78	R.R. Tank Car Derailment	Butylacrylate, Unknown	Land
Waco, TX.	12/19/77	Hose Leak	Anhydrous Ammonia Unknown	Air

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Stuart, OK.	12/7/77	Train Derailment	LP Gas, Unknown	Land	
Patterson, AR.	11/10/77	Train Derailment	Sodium Sulfide, Unknown	Land	
Palestine, AR.	11/20/77	Train Derailment	White Phosphorous, Unknown	Land	
Ruston, LA.	11/15/77	Train Derailment	Sulfuric Acid, 100 gals.	Land	
Palo Ponto Co., TX.	11/17/77	Traffic Accident	Chlorinated Waste, 3,000 gals.	Land	
Houston, TX	11/17/77	Tank Leak	Sulfuric Acid, 2,300 gals.	Houston Ship Channel	
Houston, TX.	10/26/77	Warehouse	Pesticides, Unknown	Sims Bayou	RRT Activated
Jonesboro, AR.	11/1/77	Leaking R.R. Car	Ethylene, 30,000 gals.	Houston Ship Channel	
Little Rock, AR.	10/19/77	Traffic Accident	Phenylenediamine Unknown	Unknown	

REGION VI

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Orange Co., TX.	10/18/77	Storage Tank Leak	Sulfuric Acid, 1,400 gals.	Unknown
Beaumont, TX.	10/12/77	Train Derailment	Toxaphene, 4,000 gals.	Water Unknown Stream
Vidor, TX.	10/9/77	Train Derailment	Ethylene Alcohol, Unknown	Water Unknown Stream
El Paso, TX.	10/5/77	R.R. Tank Car Leak	LPG, Unknown	Land
Baton Rouge, LA.	10/7/77	Plant Fire	Aluminum Chloride, 13,000 gals.	Mississippi River

SUMMARY

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
41	4	45	<table><tr><td>Storage</td><td>7</td></tr><tr><td>Trucks</td><td>8</td></tr><tr><td>Rail</td><td>12</td></tr><tr><td>Aircraft</td><td>1</td></tr><tr><td>Ship/Barge</td><td>1</td></tr><tr><td>Manufacturing/Industrial Fac.</td><td>0</td></tr><tr><td>Waste Disposal</td><td>0</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>6</td></tr><tr><td>Fire</td><td>2</td></tr><tr><td>Capacitor/Transformer</td><td>4</td></tr><tr><td>Unknown</td><td>2</td></tr><tr><td>Miscellaneous*</td><td>2</td></tr><tr><td>TOTAL</td><td>45</td></tr></table>	Storage	7	Trucks	8	Rail	12	Aircraft	1	Ship/Barge	1	Manufacturing/Industrial Fac.	0	Waste Disposal	0	Treatment	0	Pipeline	6	Fire	2	Capacitor/Transformer	4	Unknown	2	Miscellaneous*	2	TOTAL	45
Storage	7																														
Trucks	8																														
Rail	12																														
Aircraft	1																														
Ship/Barge	1																														
Manufacturing/Industrial Fac.	0																														
Waste Disposal	0																														
Treatment	0																														
Pipeline	6																														
Fire	2																														
Capacitor/Transformer	4																														
Unknown	2																														
Miscellaneous*	2																														
TOTAL	45																														

* Valve Problem (1), Sludge Pile Leaking (1).

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
LaClede County Mo.	10-1-77	Tank Leak - Corrosion	Fertilizer N 5 bbls	Ground	
St. Roberts, Mo.	10-2-77	Truck Accident	Chloro Acid & Sulphuric Triox 3,600 lbs.	Ground	
Texas City, Mo.	10-4-77	Tank Leak - Corrosion	Fertilizer N 1 bbl.	Ground	
Mason City, Iowa	10-7-77	Tank Overflow	Potash 100 gal.	N/A	
Texas City, Mo.	10-27-77	Pipeline	Fertilizer N 10 bbls.	Ground	Leak repaired - cleaned up.
Columbia, Mo.	10-28-77	Tank Truck Failure	Hydrofluosilicic Acid - 4,000 gal.	Ground	Neutralized
Omaha, Nebr.	11-3-77	Operator Error Valve Problem	Chromate 800 gal.	Ground	
Jefferson County, Mo.	11-4-77	10" Pipeline Leak	Fertilizer N 550 bbls.	Ground	Recovered 15 bbls. Minor fish kill
Jefferson County, Mo.	11-10-77	Pipeline Corrosion Leak	Fertilizer N 25 bbls.	Ground	Recovered 1/2 bbl.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Jefferson County, Mo.	11-11-77	Pipeline Leak	Fertilizer Urea 40 bbls.	Ground	Recovered 25 bbls.
Jefferson County, Mo.	11-11-77	Pipeline Leak	Fertilizer (Unknown) 15 bbls.	Ground	
Mexico, Mo.	12-28-77	Tank Car Leak	H ₂ SO ₄ Not available	Ground	Neutralized
Beatrice, Nebr.	1-19-78	Overfill - Storage Tank	Nitric Acid 250 gals.	Ground	Neutralized
Springfield Mo.	3-4-78	Train Derailment	Fertilizer- calcium phosphate Not available	Ground	
Fort Madison Iowa	3-16-78	Sludge Pile Leaching	Mixed Chemicals Not available.	Ground	Type and amount of chem- icals unknown.
Kansas City, Mo.	3-21-78	Tank Car Leak	Anhyd. TriMethylamine Not available.	Air	Leak sealed.

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Verona, Mo.	3-24-78	Tank Truck	Muriatic Acid 38,000 lbs.	Ground	Area diked and neutralized.
Ainsworth, Nebr.	3-28-78	Capacitor Spill	PCB - 6 gal.	Ground	Material re- covered.
Sydney, Nebr.	4-2-78	Tank Car Derailment	Phosphorus 10,000 gal.	Ground	Burned
Ainsworth, Nebr.	4-12-78	Capacitor Failure	PCB - 6 gal.	Ground	Absorbed and removed.
Red Oak, Iowa	4-13-78	Train Derailment	Ammonium Nitrate 3 tons	Ground	Cleaned up by contractor.
Marysville Station, Ks.	4-14-78	Tank Car Derailment	Phosphorus 10,000 gal.	Ground	Burned
Cedar Rapids, Iowa	4-20-78	Train Derailment	NH ₃ Not available	Ground	
Lawrence, Ks.	4-21-78	Storage Tank Leaking	Fertilizer N 10,000 gal.	Ground	
Hannibal, Mo.	4-21-78	Tank Car Overturned	Monochloro- benzene 40 gal.	Ground	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Charles City Iowa	4-24-78	In a Reactor, Flash Fire Explosion	NH ₃ , HNO ₃ , H ₂ SO ₄ , HCl Not available.	Ground and Water	Fish kill
Steele, Mo.	4-25-78	Truck Tanker Leaking	HNO ₃ 3,800 gallons	Ground	Neutralized
Sutton, Nebr.	4-26-78	Equipment Failure Unloading Tank Truck	Anhydrous NH ₃ Not available	Air	Driver burned.
St. Louis, Mo.	4-26-78	Barge Spill	Toluene 100 gal.	Water	Contained Vandalism
Independence Iowa	5-2-78	Truck Accident	Anhydrous NH ₃ Small quantity	Ground	
St. Joseph, Mo.	5-18-78	Unknown	Pesticide Not available	Water	
Council Bluffs Iowa	6-5-78	R.R. Tank Car Leaking	Phosphoric Acid 30 gallons	Ground	
Paris, Mo.	6-6-78	Unknown	Potash, Phosphate, 3 tons	Ground	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Cedar Rapids, Iowa	6-27-78	Lightning Struck Transformer	PCB 1/2 gallon	Concrete Floor	Sorbent Boom contained spill in river.
Kansas City, Mo.	7-3-78	Leaking Tank	Xylene 25,000 gallons	Water & Air	
Hannibal, Mo.	7-6-78	Helicopter Crash	Toxaphene 19 qts.	Ground	
Springfield, Mo.	7-8-78	Pipe Failure	Chlorine Gas Not available.	Air	
South St. Louis, Mo.	7-8-78	Railroad Derailment	Ammonium Nitrate 300,000 lbs.	Ground	
Council Bluffs Nebr.	8-7-78	Railroad Tank Car Leaking	Toluene Not available.	Ground	
Topeka, Ks.	8-21-78	Tank Leak	Herbicide Trimex 200 gallons	Ground	

REGION VII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Claycomo, Mo.	8-21-78	Truck Spill	Paint Wastes 10 gallons	Water	Boomed off water.
York, Nebr.	8-22-78	Capacitor Exploded	PCB 3.1 gallons	Ground, Road Surface.	Ground re- moved, flushed road.
Kansas City Mo.	9-5-78	Explosion & Fire	Ether, other products Not available.	Air	Fire, two men burned.
Atlantic, Iowa	9-9-78	R.R. Tank Car Derailment	Cresylic Acid Not available	Ground	
Reynolds County, Mo.	9-29-78	Material fell from truck.	Pentachlorophenol Crystals 1,200 lbs.	Ground	

SUMMARY

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
33	1	34	<table><tr><td>Storage</td><td>12</td></tr><tr><td>Trucks</td><td>12</td></tr><tr><td>Rail</td><td>4</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>0</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>0</td></tr><tr><td>Waste Disposal</td><td>1</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>0</td></tr><tr><td>Fire</td><td>0</td></tr><tr><td>Capacitor/ Transformer</td><td>5</td></tr><tr><td>Unknown</td><td>0</td></tr><tr><td>Miscellaneous*</td><td>0</td></tr><tr><td>TOTAL</td><td>34</td></tr></table>	Storage	12	Trucks	12	Rail	4	Aircraft	0	Ship/Barge	0	Manufacturing/ Industrial Fac.	0	Waste Disposal	1	Treatment	0	Pipeline	0	Fire	0	Capacitor/ Transformer	5	Unknown	0	Miscellaneous*	0	TOTAL	34
Storage	12																														
Trucks	12																														
Rail	4																														
Aircraft	0																														
Ship/Barge	0																														
Manufacturing/ Industrial Fac.	0																														
Waste Disposal	1																														
Treatment	0																														
Pipeline	0																														
Fire	0																														
Capacitor/ Transformer	5																														
Unknown	0																														
Miscellaneous*	0																														
TOTAL	34																														

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
On ramp East bound into Evanston, Wyoming	771007	Truck accident	1250 gal. Sodium Bicarbonate	Land	
Hwy. 40 Rabbit Ears Pass Colorado	771021	Truck accident	1000 gal. Anhydrous Ammonia	Land	
1205 W. Evans Denver, Colorado	771125	Tank valve left open	6000 gal. Signal Sulfate	Land, Water	Unknown amt. in South Platt River
1400 S. 24th, West Billings, Montana	771203	Trailer tanker on dolly tipped over due to frost melting	3000 gal. Ethylene Glycol	Land	
2nd N & I-25 in Raysville, Utah	771209	Truck accident	2000 gal. LTM	Land, Water	Unknown amt. in Homes Creek

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Casper Airport Natrona, Wyoming	771227	Excessive container pressure during off- loading	300 gal. Sulfuric Acid	Land	
Madison Co. Montana	780104	Train derailment	Amt. Unknown Ammonium Phosphate	Land, Water	In SE. Boulder Creek entered Slough & threatened prime trout streamers
Bewbells, North Dakota	780127	Train derailment	400,000 gal. Potash	Land	
Empire Co. Colorado	780202	Lost during work on boiler	200 gal. Ethylene Glycol	Land	
Texaco Refinery in Casper, Wyoming	780206	Chemical pond dike washed out	840,000 gal. NaOH	Land	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
I-90 at MP 135 near Drummond, Montana	780306	Truck accident	150 gal. Polyester Resin	Land	
VanWaters & Rogers in Denver, Colorado	780314	Valve failure on polyester tank	12,000 gal. KOH	Land, Water	1000 gal. in Sand Creek
Hwy. 90 in Montrose Co., Colo.	780407	Truck accident	9,000 gal. (95%) Sulfuric Acid	Land, Water	2,000 gal. in LaSalle Creek
Hwy. 58 near Ulysis St. Colorado	780429	Line surge ruptured capacitor on pole	1 gal. Inertin-PCB	Land	
4th St. in Glen- rock, Wyoming	780514	leak in 40 tank truck parked over- night	25 gal. Sulfuric Acid	Land, Water	5 gal. in Platte River entered sani- tary sewer thru manhole to sewage la- goon - no damage

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
1700 Broadway Denver, Colorado	780518	Trans- former vault	Amt. Unknown PCB	Land	
W. Side of Vail Pass Colorado	780525	Truck accident	Unknown amts. Ludol, Sulfonic Acid, Oxone, Dupont X-12 flame retardant	Land	
3-4 Mi. W. of Douglas on Hwy. I-25 Wyoming	780606	Truck accident	50 gal. Diesel (Petro DF), NaOH, KOH	Land, Water	50 gal. in Five Mile Creek
Green River, Wyoming	780607	Trans- former ruptured by heavy equip- ment	5 gal. PCB Pyronal	Land	
Montrose Co. Colorado	780614	Valve failure on raffinate line	135 gal. Aluminum Ammonia Sulfate	Land, Water	135 gal. en- tered Deloris River & dis- persed.

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Freight Yards in Gillette, Wyoming	780621	Drum punctured during on- loading	20 gal. PCB	Land	
Mississi- ppi & Lowell Denver, Colorado	780630	Homeowner drained swimming pool	Amt. unknown Chlorine	Land, Water	Entered Gar- field Lake, fishkill
Junction US 85 and AIT 14 South Dakota	780703	Truck accident	Amt. unknown NaOH	Land, Water	Entered Spearfish Creek
Eaton, Colorado	780708	Leak in tank car	3000 gal. Anhydrous Ammonia	Land	Evacuation re- quired 1 mile down wind-4 persons hos- pitalized.
1900 In- dustrial Rd. in Salt Lake City, Utah	780720	Unloading bottle off of truck	Amt. Unknown Silane gas	Air	

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
3800 Walnut St. Boulder, Colorado	780724	Spilled	100 gal. Isopropyl Acetate	Land
MP 21 on Hwy. I-80 near Evanston, Wyoming	780727	Truck accident	100 gal. Anhydrous Ammonia	Land
1/2 Mi. S of exit 50A on I- 25, Colo. Springs, Colorado	780727	Truck accident	Amt. Unknown 2,4,D	Land
Roosevelt, Utah	780816	Ruptured capacitor	2 gal. PCB	Land
Green River, Wyoming	780823	leak de- veloped around test plug on transformer	1 gal. PCB	Land

REGION VIII

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
322 N, 2200 W., Salt Lake City, Utah	780905	Tank failure	5,000 gal. Cupric Chloride	Land, Water	5,000 gal. entered Sur- plus canal to greater Salt Lake
NW15,38N, 89 W. Natrona Co. Wyoming	780920	Union valve on truck came unscrewed	300 gal. Sulfuric Acid (94%)	Land	
1/2 Way between Evan & Arleen in Missoula Co., Colo.	780920	Train derailment	10248 gal. Sulfuric Acid	Land, Water	10248 gal. in Finley Creek. 1000 fish killed total destru- ction of aquatic life in small stream for sev. miles
4300 Holly St. Denver, Colorado	780927	Leak in container	60 gal. Ethylene Glycol	Land, Water	60 gal. in Sand Creek

SUMMARY

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
150	4	154	<table><tr><td>Storage</td><td>0</td></tr><tr><td>Trucks</td><td>38</td></tr><tr><td>Rail</td><td>31</td></tr><tr><td>Aircraft</td><td>4</td></tr><tr><td>Ship/Barge</td><td>0</td></tr><tr><td>Manufacturing/ Industrial Fac.</td><td>39</td></tr><tr><td>Waste Disposal</td><td>0</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>13</td></tr><tr><td>Fire</td><td>6</td></tr><tr><td>Capacitor/ Transformer</td><td>0</td></tr><tr><td>Unknown</td><td>20</td></tr><tr><td>Miscellaneous*</td><td>3</td></tr><tr><td>TOTAL</td><td>154</td></tr></table>	Storage	0	Trucks	38	Rail	31	Aircraft	4	Ship/Barge	0	Manufacturing/ Industrial Fac.	39	Waste Disposal	0	Treatment	0	Pipeline	13	Fire	6	Capacitor/ Transformer	0	Unknown	20	Miscellaneous*	3	TOTAL	154
Storage	0																														
Trucks	38																														
Rail	31																														
Aircraft	4																														
Ship/Barge	0																														
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Waste Disposal	0																														
Treatment	0																														
Pipeline	13																														
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TOTAL	154																														

* Dumping (3).

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Yuma, CA	10/2/77	UK	UK	Water	Fish kill
San Francisco, CA	10/3/77	Dumping	Paint-like	Water	
Wilmington, CA	10/3/77	Ship	Unknown (Red)	Water	
Newberry Park, CA	10/6/77	Truck Accident	Aqua Ammonia 52,200#	Ground	
Alameda, CA	10/8/77	Ship	Jp-5 and paint	Water	
Cupertino, CA	10/12/77	Explosion at sub- station	Transformer oil	Ground	
Cadiz, CA	10/14/77	Railroad	Jet fuel & pest- icides	Ground	
Fresno, CA	10/14/77	Tank truck	liquid sulfur tank car fuel	Ground	
San Francisco, CA	10/24/77	Railroad	Molasses UK	Ground	

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Los Ange- les, CA	11/8/77	Freight Yard	Unknown 55 gallon drum	No	
E. Los Angeles	11/8/77	Truck	Ferric Chloride 150 gallon	No	
Ukiah, CA	11/10/77	Truck accident	Alum 2000 gal.	No	
Gila Bend, AZ	11/10/77	Truck accident	Alfol alcohol 100 gallons	No	
Alameda, CA	11/11/79	Ship	Paint & thinner	Water	
Fremont, CA	11/16/77	Truck accident	Phosphoric acid 2-4 gallons	No	

REGION IX

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRONMENTAL MEDIUM AFFECTED
Sunset Beach	11/21/77	Tank overfill	Resin Phenolic 40 gallons	Water
Center, CA	11/23/77	Truck accident	Paint	Ground
Santa Clara, CA	11/27/77	Industrial	Iron & Carbon/Cyclohexanone, 200gal.	Water
Douglas, AZ	11/30/77	Railroad	H ₂ SO ₄ 4-13,500 gal tank cars	Ground
Los Angeles, CA	12/2/77	Capacitor	PCB	Ground
Anaheim, CA	12/10/77	Pipeline	Chlorine & gas	Ground
Pomona, CA	12/13/77	Truck	Methane gas	Ground
San Diego	12/20/77	UK	Paint 20 gallons	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
No. Cali- fornia	12/20/77	Truck	Apple cider 30,000 gallons	Ground
Alameda, CA	12/21/77	UK	White paint	water
Mare Island, CA	12/28	UK	Paint	Water
Tucson, AZ	12/21/77	Railroad	H ₂ SO ₄ -200 gallons	Ground
Los Ange- les, CA	1/4/78	Truck accident	Perchloroethylene 3400#	Yes
Martinez, CA	1/6/78	Industrial	Noxious gas cloud 1000 gallons	Ground
Santa Clara CA	1/7/78	Industrial	Cyclohexanone 200 gallons	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
San Jose, CA	1/11/78	Industrial	Anhydrous NH ₃	Water
Santa Maria	1/18/78	Facility	Thinner 3 barrels	Ground
Ashland, CA	1/20/78	Facility	Styrene 150 gallons	Ground
Sonoma County	1/21/78	Truck accident	Ferrous sulfate Tank truck	Water
San Fran- cisco, CA	1/22/78	UK	Red substance	Water
Walnut Creek, CA	1/23/78	Gas cylinder	Low pressure gas 1 cylinder	Ground Air
Santa Rosa CA	1/25/78	Transformer	Transformer oil	Ground

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HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
San Francisco, CA	1/26/78	Ship	Paint - less than 5 gallons.	Water
Florence	1/31/78	Explosion & fire	Benzene, Bromine sodium, phosgene gas	Water
Fremont	1/31/78	UK	Weed killer 300 gallons	Water?
Los Angeles, CA	2/1/78	Industrial	Bromine-500 gals.	Ground
Santa Clara, CA	2/1/78	Industrial	Cyanide	Ground
Newark, CA	2/6/78	UK	White Wastewater	Water
UK	2/8/78	Dike failure	"Mud" 1x10 ⁶ cy	Water
Richmond, CA	2/10/78	Dumping	yellow fluid	water
Oakland, CA	2/15/78	Truck	Nickel sulfate	Ground
Alameda, CA	2/18/78	Ship	Paint	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Benicia	2/22/78	Stacks	Soot or coke	Water
Alameda, CA	2/23/78	Ship	Paint 5 gallons	Water
Wasco, CA	2/24/78	Truck accident	oxidizers, flam- mable liquids & corrosive	Ground
Palo Alto	2/24/78	UK	White suds	Water
Pinetop, AZ	2/24/78	Truck accident	H ₂ SO ₄ -1000 gals.	Ground
Valencia, CA	2/27	UK	Cumene	Ground
Dublin, CA	3/1/78	Truck	Sulfur 2200 gals.	Ground
Ventura Co.	3/1/78	Tank	Trichlordethy- lene 1600 gals.	Yes
Newark, CA	3/5/78	Tank car	Vinyl acetate	ground

REGION IX

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Roseville,	3/8/78	Tank car	Alcohol	Ground
San Fran- cisco, CA	3/10/78	Ship	Paint	Water
South Fon- tane, CA	3/10/78	Tank car	Carbon tetra- chloride	Ground
San Bernar- dino, CA	3/10/78	Truck 1060#	Polyvinyl chloride	Ground
Oakland, CA	3/14/78	Substation bombed	Transformer oil	Water
Glendale, CA	3/15/78	Flood	calcium dichlor- inate 356 #	UK
Colton, CA	3/20	Pump failure	chromate solution	Ground
Oxnard, CA	3/22/78	UK	Iridescent sheen	Ground
Chula Vista	3/24/78	Truck	Phiodan-5	Ground

REGION IX

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Kern Co.	3/24/78	Truck	Malathion 5 gals	Ground
Monterey Co.	3/24/78	Plane Crash	Phosdrin & liquid sulfur	Ground
Concord, CA	3/31/78	Ship	Paint	Water
Ventura	3/31/78	Loading	Tetra ethyl lead	Ground
Bishop, CA	4/1/78	Valve Failure	H ₂ SO ₄ 500 gals.	Ground
Stockton	4/2/78	RR	Ferric chloride	Ground
Compton CA	4/12	Holding tank	Chromic acid 1600 gallons	Ground
Sacramento	4/13/78	Truck	Iron KE-min 5 gallons	Water
Guadalupe	4/12/78	Railroad	Zinc oxide	Ground
Oakland	4/14/78	UK	Red Material	Water
Santa Clara	4/17/78	UK	PH ₃ UK 10 gal/min.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Yolo County	4/18/78	UK	(DDI ₃) Dichloropropene	Ground
Richmond	4/18/78	Seepage	Lime & Sulfur 10-15#	Water
Sacramento	4/19	Tank truck	10-34-0- Fertilizer	Ground
Monterey	4/19/78	Tank	Ammonia 8000#	Ground
Alameda	4/26/78	Pier	Paint-2 gallons	Water
Watsonville	4/28/78	Railroad	Butyl --	Ground
Stockton	4/30/78	Barge	Ammonium nitrate	Water
San Diego	5/2/78	Pier	Paint	Water
San Jose	5/2/78	Railroad	Acetone	Ground
Little Cr.	5/3/78	ship	Keel Preservative	Water
Kettleman City	5/5/78	Truck	Nematox	Ground

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HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Long Beach	5/7/78	Pipeline	Iron Oxide	Water
Contra Costa Co.	5/8/78	Tank Truck	H ₂ SO ₄	Ground
Los Ange- les County	5/8/78	Railroad	Vinyl acetate 5,600 gallons	Ground
Long Beach	5/10/78	Pier	2 gallons paint	Water
Santa Clara	5/12/78	Industrial loading	Acetic acid Nitric acid Phosporic acid 55 gallons	Water
Vallejo, CA	5/13/78	UK	White substance	Water Fish kill
Henderson, NV	5/18/78	Pipeline	NaOH 3600 gal.	Water
Sacramento	5/21/78	Pipeline	Orthozene	Water
Phoenix	5/22	Airplane crash	Kelthane 400#	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
Long Beach	5/25/78	Pier	Solven & oils	Water	
Nevada City CA	5/25/78	Truck accident	KMnO ₄ 5 gals.	Ground	
Southgate,	5/26/78	Truck accident	Naphtha 500 gals.	Ground	
Santa Clara	5/26/78	Vandalism	Plating acid	Ground	
Vallejo, CA	5/30/78	Truck accident	Sodium chlorate	swamp	
Oakland	6/9/78	Leak RR	UK	Ground	
North Island	6/10/78	Pier	Paint & oil 5-15 gals.	water	
Carson City	6/15/78	Dumping	(Ortho) weed killer 300 gals.	Water	Fish kill
Kern Co.	6/15/78	Fire	Pesticide	Ground	
Los Ange- les, CA	6/15/78	Tank Truck	Tequila 6605 Gals	Ground	

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
San Jose	6/16/78	Truck	Liquid lye 400 gallons	Ground
San Jose	6/20/	Industrial	Caustic Material	Storm drain
San Diego	6/19/78	Tank Car	Solvent 50 gals.	Water
El Centro	6/19/78	Tank car	Butane	Ground
Marina del Rey, CA	6/21/78	UK	Paint	Water
Santa Monica	6/21/78	UK	UK	Red substance
West Colton	6/21/78	Valve Leak	Ammonia	Ground
San Leandro	6/25/78	Railroad	Methyl acetate	Ground
Navajo Co AZ	6/26/	Airplane	Pesticide-Mala- thion, 300 gals.	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Los Ange- les, CA	6/27/78	UK	Green substance	Water
Torrance	6/27/78	Fire	Muratic Acid 200 gal.-chlorine 300 gal.	Storm drain
Tucson,AZ	6/27/78	Railroad	Diesel & lime	Dry wash
San Luis Obispo	6/28/78	Fire	Ammonium hydro- cyide	Ground
Santa Clara	6/29/78	Industrial	Dimethyl thosthorothioiate 5 gal.	Ground
Leith,NV	7/2/78	Railroad	Phosphorus	Ground
Richmond	7/2/78	Tanker accident	Paint thinner 8,000 gal.	Ground
Santa Bar- bara Co.	7/3/78	Tanker accident	liquid fertili- zer, 1000 gals.	UK
Los Ange- les	7/4/78	Transformer	Transformer oil	Ground

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Oakland	7/4/78	Transfer	Molasses, 10-100 gals.	Ground
Nevada	7/5/78	Truck accident	HCl 55 gals.	Ground
Kern Co.	7/5/78	Tank truck acci- dent	H ₂ SO ₄ 20-50 gals.	Ground
LA County	7/6/78	Valve failure	cleaning compound 10-20-gals	water
-	7/7/78	Truck accident	Cleaning agent 200 gallons	Ground
El Dorado Co	7/8/78	Truck Accident	Shellac ~ 50- 150 gals.	Water
Calexico, CA	7/8/78	Railroad	Propane	Air
Ventura Co.	7/10/78	Piping	Wax	Ground
Belmont, AZ	7/10/78	Tank truck	Liquid propel- lant, 2 gals.	Ground
South San Jose	7/13/78	Tank overfilled	Acetone 200-400 gals.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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Glendale CA	7/18/78	Capacitator	PCB 1 gal.	Ground
Ventura, CA	7/24/78	UK	Oil & salt water	Ground pond
Torrance, CA	7/30	Leak	PCB 3-4 gallons	Ground
Napa County	7/31/78	UK	Yellow material	Ground
Oakland, CA	8/1/78	Truck Accident	Paint & paint thinner - 100 gal	Ground
LA County	8/1/78	Leak	Butyl Acrylate 50 gallons	storm drain
Long Beach	8/1/78	Traffic accident	Dursban 18 15 gallons	Ground
Pinole, CA	8/4/78	Tank truck acci- dent	Caustic soda 3687 gallons	Ground
Vernon, CA	8/4/78	Tank rupture	hydrofloric acid 1500 gals.	Water

REGION IX

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED	COMMENTS
UK	8/4/78	Fire	Bleach 20 gals.	Ground	
LA County	8/6/78	Tank	Caustic cleaning 500#	Water	
Arizona	8/6/78	Tank car	Anhydrous NH ₃	Ground	
Alameda	8/9/78	Storm drain	paint 20 gals.	Water	
Orange, CA	8/14/78	Tanks leaking	Styrene monomer 40,000 gals.	Ground	
Trinity Co.	8/14/78	Discharge	Copper mine drain- age	Water	
Newark, CA	8/14/78	truck	Ethylene vinyl acetate 15 gal.	Ground	
Cordellia,	8/15/78	Truck	Phosphoric acid	Ground	
Del Norte	8/16-17	Discharge	Chapman PQ-10	Water	Fish kill

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HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Alder Point CA	8/17	-	Arsenic, Ferrous Hydroxide and Cu Sulfate	Water
LA County	8/17/78	Railroad	Nepthalene con- densate	Ground
Kings Co.	8/18/78	Airplane	Kelthane Dydibrum NoSoam 300 gals.	Water
Tucson, AZ	8/23	Tank car	Styrene monomer	Ground
Richmond, CA	8/23/78	Pipeline	Solvents 20-30 gals.	Water
Industry, CA	8/23/78	Railroad	Styrene, 5-10,000 gals.	Ground
Newark, CA	8/28/78	Rupture	Adhesive 150 gals.	Ground
Reno, NV	8/30/78	Capacitor	PCB 1 gal.	Ground
Newark, CA	9/1/78	Line broke	Caustic soda 200 gallons	Sewer

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

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LA County	9/5/78	Truck accident	Diallyl phythalate Monomer, 55 gals.	Storm drain
Riverside CO	9/10/78	Truck accident	Trichlorophene 4,400 gals.	Storm drain
Carson, CA	9/14/78	Discharge	Red dye 100,000 gal	Ground
Long Beach	9/15/78	Valve	Hydrocarbons 2,000 gallons	Water
Long Beach	9/15/78	Ship	Coke dust 2 bbls.	water
Reno, NV	9/18/78	tank truck acci- dent	Endothal 55 gals.	Ground
LA County	9/19/78	Tank truck acci- dent	Caustic soda & solvent	Ground
Tucson, AZ	9/22/78	Tank car	Alkaline corrosive 100 gals.	Ground

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Tunis, AZ	9/24/78	Tank car	Anhydrous NH ₃	Ground
Hayward, CA	9/25/78	UK	Copper colored	Water
Santa Fe Springs, CA	9/25/78	UK	Hydrochloric acid 14,000 gals.	Ground

SUMMARY

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE
FY 1978 (OCTOBER 1977 TO OCTOBER 1978)

(1)	(2)	(3)	(4)																												
Number of Hazardous Material Incidents	Number of Combined Oil and Hazardous Material Incidents	Total of Columns (1) & (2)	Type of Incidents																												
42	0	42	<table><tr><td>Storage</td><td>0</td></tr><tr><td>Trucks</td><td>6</td></tr><tr><td>Rail</td><td>6</td></tr><tr><td>Aircraft</td><td>0</td></tr><tr><td>Ship/Barge</td><td>3</td></tr><tr><td>Manufacturing/Industrial Fac.</td><td>9</td></tr><tr><td>Waste Disposal</td><td>0</td></tr><tr><td>Treatment</td><td>0</td></tr><tr><td>Pipeline</td><td>0</td></tr><tr><td>Fire</td><td>0</td></tr><tr><td>Capacitor/Transformer</td><td>0</td></tr><tr><td>Unknown</td><td>14</td></tr><tr><td>Miscellaneous*</td><td>4</td></tr><tr><td>TOTAL</td><td>42</td></tr></table>	Storage	0	Trucks	6	Rail	6	Aircraft	0	Ship/Barge	3	Manufacturing/Industrial Fac.	9	Waste Disposal	0	Treatment	0	Pipeline	0	Fire	0	Capacitor/Transformer	0	Unknown	14	Miscellaneous*	4	TOTAL	42
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TOTAL	42																														

* Crop Spraying (3), Residential (1).

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Humorist, WA	10/11/77	Rail	Phosphoric Acid 30,000 Gal.	Ground
Portland, OR	10/28/77	Industrial	Trichloroethane	Willamette River
Tacoma, WA	11/27/77	Rail	Soda Ash	Ground
Bellingham, WA	1/6/78	Industrial	Pentachloro Phenol	Bellingham Bay
Dalles, OR	1/12/78		Pyronol-2-3 Gal	Columbia R.
Portland, OR	1/25/78		Solvent	Willamette R
Portland, OR	1/28/78		Paint	Willamette R
Seattle, WA	2/9/78	Shipping	"Vapan"	Puget Sound
Renton, WA	2/25/78	Industrial	Potassium Perman- ganate 110 Gal.	Cedar River
Tacoma, WA	2/26/78		Vanillian Liquor 100-200 Gal.	Sitcom Water

REGION X

HAZARDOUS MATERIAL INCIDENTS REPORTED TO EPA REGIONAL OFFICE

OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Ridgefield, WA	3/3/78	Highway	Methanol	Ground
Stevens Pass, WA	3/6/78	Highway	"Isocure" & "Pep Set"	Tunnel Cr.
Keyport, WA	3/6/78	Shipping	Trichloro Ethane 50 Gal.	Port Orchard Bay
Jordan Valley ID	3/10/78	Highway	Cyanide 2 X 55 Gal.	
Vancouver, WA	3/22/78	Highway	Potassium Chloride	Ground
Hermiston, ID	4/7/78	Rail	Phosphoric Acid 30,000 Gal.	
Roseburg, OR	4/7/78		Chlordane 80 Gal.	Deer Cr.
Tacoma, WA	4/10/78	Rail	Caustic Soda	Ground
Tacoma, WA	4/11/78	Residential	Pesticide	Air

REGION X

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Portland, OR	4/23/78		Paint	North Port- land Harbor
Portland, OR	4/24/78		Paint	Willamette River
Renton, WA	4/27/78	Industrial	Paint 2 Gal.	Cedar River
Seattle, WA	5/8/78	Rail	Xylene	Ground
Spokane, WA	5/15/78		Cyanide, Caustic Soda	Ground
Spokane, WA	5/31/78	Industrial	Hexavalent Chrome	Spokane R.
Spokane, WA	6/9/78	Industrial	Ammonia, 37,000 LB.	Ground
Portland, OR	6/14/78	Shipping	Paint, ½ Gal.	Swan Island Lagoon
Tacoma, WA	6/14/78	Highway	Alkalyte, 500 Gal.	Ground

REGION X

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Portland, OR	6/21/78	Crop Spraying	Metho Kchor	Ground
Seattle, WA	7/4/78	Highway	"Anti-6", 55 Gal.	Cedar River
Royal City, WA	7/14/78	Crop Spraying	Pesticide	Water
Aberdeen, WA	7/18/78		Formaldehyde	Gray's Harbor
Tacoma, WA	7/19/78		Solvent, 15 Gal.	Hylebo's Waterway
Neah Bay, WA	7/20/78	Crop Spraying	Pesticide	Bowman Creek
Seattle, WA	7/25/78	Rail	Herbicide	Ground
Seattle, WA	7/29/78	Industrial	Paint, 2 Gal.	Lake Wash- ington
Portland, OR	8/2/78		Solvent, 5 Gal.	Willamette River
Bellingham, WA	8/12/78	Industrial	PCB, 30-50 Gal.	Ground

REGION X

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OVERVIEW: OCTOBER, 1977 TO OCTOBER, 1978

LOCATION	DATE	TYPE OF INCIDENT (Cause If Known)	MATERIAL SPILLED AND VOLUME	ENVIRON- MENTAL MEDIUM AFFECTED
Portland, OR	3/31/78	Industrial	Paint, 5 Gal.	Willamette River
Centralia, WA	9/6/78		Paint Thinner	Water
Portland, OR	9/13/78		Paint, 1 Gal.	Willamette River
Kirkland, WA	9/24/78		Paint Thinner	Juanita, CR.